

Ahmednagar

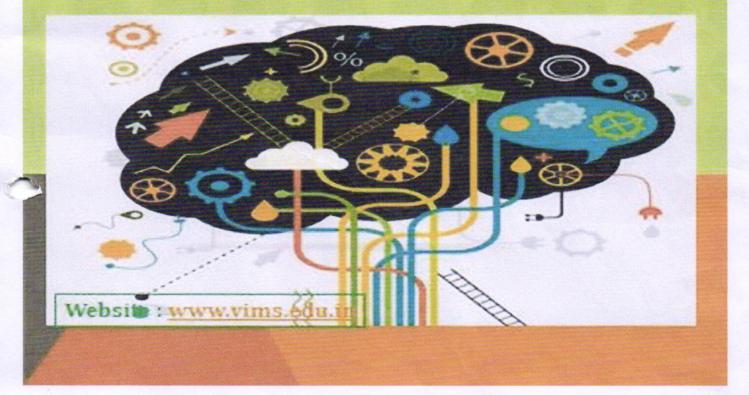


# Link For Any Other Relevant Information



# **COLLEGE OF NURSING**

PROGRAMME OUTCOME AND COURSE OUTCOME Basic B.Sc., PB. B.Sc., And M.Sc. Nursing Programme





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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 nurse educators to serve in 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 full potential to become as a role model.
- 3. To fulfill comprehensive health care needs of the nation with holistic approach.
- 4. To foster the leadership through the values based on patient care practices integrated with interdisciplinary collaboration and partnership.
- 5. To contribute the professional development of the faculties as per the academic requirements.

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 skill-set required by the local and global employers, Industry Advances in Technology and R&D, and the draft copy of the Vision and Mission of the instituteis drafted.

Step3. 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 the inputs.

Step4: The accepted views are analyzed and reviewed to check the consistency with the vision and mission of the institute.

# The Process for Defining Vision and Mission

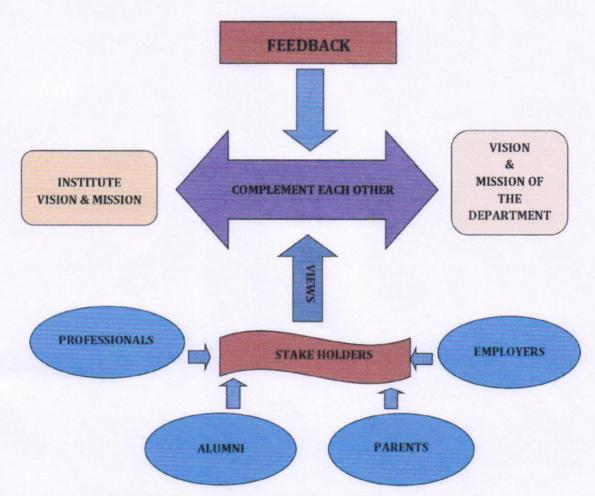


Fig.1 : The Process for defining the Vision and Mission of the Institute and Department

# 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 in to 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 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)

Program specific Outcome is broad statement that describes what graduate are expected to attain within 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)**

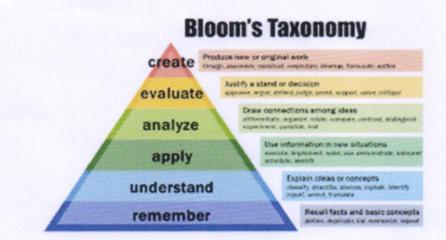
Course outcome describe the learning that will take place across the curriculum through concise statement, made in specific and measurable terms, of what students will know and /or able to do as the result of having successfully completed a course based on outlined by regulatory bodies (Indian Nursing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

#### **Bloom's taxonomy**

Bloom's taxonomy was developed to provide a common language for teachers to discuss and exchange learning and assessment methods. Specific learning outcomes can be derived from the taxonomy, though it is most commonly used to assess learning on a variety of cognitive levels. Bloom three domains, or categories, of educational activities Cognitive Knowledge or Mental Skills, Affective Attitude or Emotions, Psychomotor Skills or Physical Skills.



#### Attainment score or level

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

#### Program Specific Objectives (PSO) and Program Outcome (PO)

	GRADUATE ATTRIBUTES
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 Skill

#### The Process for Establishing the PSO's

STEP1:VisionandMissionoftheInstitute&Departmentaretakenintoconsiderationtoint eract with various stakeholders, and establish the PSO's

STEP2: The Head of the Department, Program Coordinator and other Senior Faculty prepares the draft version of PSOs and POs.

STEP3:The draft version is discussed with stakeholders and the reviews are collected by the Program co-coordinator

STEP4: The Program Assessment Committee reviews and analyzes the PSOs and Pos and submits its Recommendations to the Departmental advisory Board.

STEP5: The Departmental advisory Board deliberates on the recommendations and freezes the PSOs and POs and submits them to the MUHS for final approval.





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# **Basic B.Sc. Nursing**

Program Name	Program Code	e Program Outcome (PO) & Program Specific Outcome (PSC		
Basic B. Sc. Nursing	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, community nursing services and conduct research studies in the areas of nursing practice.	
		PSO3	Assume the role of teacher, supervisor and manager in a 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 understanding of life style and other factors, which affect health of individuals and groups.	

Program Name	Program Code	Program Outcome (PO) & Program Specific Outcome (		
		PO3	Provide nursing care based on steps of nursing process in collaboration with the Individuals and groups.	
		PO4	Demonstrate critical thinking skill in making decisions in 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 and 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 clinical 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 towards advancement of self and of the profession.	





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# Post

# **Basic B.Sc. Nursing**

Program Name	Program Code	n 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 clinical / public health setting.		
		PO1	Assess health status, identify nursing needs, plan, implement and evaluate nursing care for patients / clients that contribute to 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 relationship.		
		PO5	Demonstrate leadership qualities and decision-making abilities in various situations.		

Program Name	Program Code	Program Outcome (PO) & Program Specific Outcome (PSO)		
		PO6	Demonstrate skills in teaching to individuals and groups in education institute & community health settings.	
			Demonstrate managerial skills in institute & community health settings.	
		PO8	Practice ethical values in their personal and professional life.	
		PO9	Participate in research activities and utilize research findings in improving nursing practice.	
		PO10	Recognize the need for continued learning for their personal and professional development.	



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# M. Sc. Nursing

Program Name	Program Code	Program Outcome (PO) & Program Specific Outcome (PS		
M. Sc. Nursing	153107	3107 PSO1	The aim of the postgraduate program in nursing is to prepare graduates to assume responsibilities as nurse specialis 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 effectively as 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 and professional advancement.	





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## **Basic B.Sc. Nursing**

#### **Course Outcome**

#### First Year basic B. Sc. Nursing

Course Code	CO No.	Course outcome	Method of Assessment
1.English			
	CO 01	Effectively communicate in professional practice	Mid Term & Pre-
	CO 02	Plan and write effective nursing process and records.	final Exam
2. Anatomy &			
Physiology			
	CO 03	Apply the knowledge of anatomy in the practice of nursing.	Mid Term & Pre
62501	CO 04	Apply the knowledge of physiology in the practice of nursing.	final Exam, Assignment Journal
3. Nutrition and	Biochemistry		
62502	CO 05	Understand different types of nutrients, their importance, sources, functions, and problems due to deficiency.	Mid Term & Pre-
62502	CO 06	Apply the principles of food preparation, presentation and plan balanced diet for individual and groups.	final Exam, Assignment

	CO 07	Understand normal biochemistry and biochemical changes occurring in illness.	
4. Nursing Four	ndation		
	CO 08	Develop concepts, health, illness, health care delivery system, theories and models of nursing practice.	
	CO 09	Demonstrate desirable attitude to ethics and professional conduct	Mid Term & Pre final Theory
62503	CO 10	Gain skill in communicating effectively with patients and families and team members to maintain effective human relations and performs health assessment and monitoring of patients.	Practical Exam, Assignment Care plan, Procedure, Clinical
	CO 11	Apply steps of nursing process and documentations in the hospital and community.	Evaluation
	CO 12	Performs nursing care by applying scientific principles.	

5. Psychology	Y		
	CO 13	Recognizes fundamentals of psychology and describe cognitive, psychiatric, motivational and emotional process.	Mid Term & Pre-final
62504	CO 14	Explain the concept of personality and its influence on behavior.	Exam, Assignment 10 Marks
	CO 15	Describe the role of nurse in mental health, psychological assessment, hygiene, and developmental psychology.	
. Microbiolo	ogy		
62505	CO 16	Describe classification, morphology, growth of different disease producing organization their pathogenesis and lab test.	Mid Term & Pre-final
	CO 17	Practices infection control in the hospital.	Exam, Assignment 10

	CO 18	Explain immunity and immunization programme against various diseases.	Marks
7. Introduc	ction to comp	uters	
	CO 19	Demonstrate skills in use of computer application in Nursing Education	Mid Term & Pre-final
-	CO 20	Demonstrate skills in use of computers application in Nursing Services.	Exam



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# **Basic B.Sc. Nursing**

#### **Course Outcome**

#### Second Year basic B. Sc. Nursing

	Course Code	CO No.	Course outcome	Method of Assessment
F	1. Sociology			
		CO 21	Describe the structure, dynamics and relationship of the individual to the society.	Mid Term & Pre-final
	62601	CO 22 and	Understand the social problems, social change, factors and role of sociology in nursing as related to social institutions in India.	Exam
	2. Pharmaco	logy, Patho	logy and Genetics	
		CO 23	Understand the pharmacology of common chemotherapeutics, antiseptics, disinfectants and insecticides acting on various system of human body	Mid Term & Pre-final
	62602	CO 24	Understand the pathological changes in different system disorders and various pathological tests conducted in the clinical fields.	Exam, Assignment 25 Marks each
		CO 25	Understand the developmental defects, significant of genetic testing, and genetic disorders in various age group.	
	3. Medical St	urgical Nur	sing I	
	62603	CO 26	Describe the causes, sign and symptoms, treatment, prevention, nursing process and provide medical surgical conditions.	Mid Term & Pre-

	CO 27	Demonstrate skill in carrying out nursing techniques and procedures in keeping will scientific principles.	final Theory Practical Exam, Assignment care plan, case study clinical evaluation
4. Commun	ity Health N	ursing I	
	CO 28	Understand the concepts of community health and various factors influencing health in community	Mid Term & Pre-final
62604	CO 29	Appreciate the concepts, scope, uses and method of epidemiology and nursing management of common communicable diseases.	Exam, Assignment care plan , familycase study ,Visit report, Health talk clinical evaluation
	CO 30	Understand the impact of population explosion and population control.	
5. Commun	ication and l	Education Technology	
	CO 31	Understand the effective communication process using various communication effective interpersonal & human relationship with patient, family and health team members.	Mid Term & Pre- final Exam, Assignment Av aids
62605	CO 32	Acquires knowledge on concepts, principles on guidance and counseling, philosophy, principle of education and teaching learning process to develop basic skill for counseling patient nursing education and nursing personnel.	preparation, lesson plan, Assessment tool, response to clinical incidence



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# **Basic B.Sc. Nursing**

# **Course Outcome**

# Third Year basic B. Sc. Nursing

CO 33	<b>ing II</b> Provide care for patient and disorders of ear, nose,	
CO 33	Provide care for patient and disorders of ear. nose.	
	throat, neurological, burn, reconstructive & cosmetic surgery and oncological conditions.	Mid Term & Pre- final theory
CO 34	Develop ability to take care of female patient with reproductive disorders.	practical Exam, Assignment care
CO 35	Develop skin in providing care during emergency and disaster situations.	plan case study ,Health talk clinical
CO 36	Plan, implement, evaluate care of elderly and manage patients in critical care unit.	evaluation
th Nursing		
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.	Mid Term & Pre-final theory practical Exam, Assignment care plan case study
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.	,Health talk clinical evaluation Growth and Development
	CO 35 CO 36 th Nursing CO 37	CO 34reproductive disorders.CO 35Develop skin in providing care during emergency and disaster situations.CO 36Plan, implement, evaluate care of elderly and manage patients in critical care unit.th NursingDescribe the modern concepts, normal growth and development of children in various age groups and physiological response of body to disease conditions in children.CO 38Identify 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.

62703	CO 39	Understand the current trends, principles of psychiatric nursing and etiology, psychodynamics and management of psychiatric disorders. Develop competency in assessment, therapeutics communication and assisting with treatment	Mid Term & Pre-final theory practical Exam, Assignment care plan case study
02705		modalities.	,case presentation,
	CO 41	Develop skill in providing comprehensive care, psychiatric emergencies and crisis interventions to various kinds of psychiatric patients.	Health talk clinical evaluation, MSE
4. Nursing R	esearch and	Statistics	
	CO 42	Describe research and research process.	Mid Term & Pre-
62704	CO 43	Apply the knowledge of statistics in data analysis	final theory Exam,
	CO 44	Conduct graph project and write report.	



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## **Basic B.Sc. Nursing**

#### **Course Outcome**

#### Fourth Year basic B. Sc. Nursing

sing Service and Education   Understand the principles, functions and process of   management.   Apply the concepts, theories, and techniques of   organizational behavior and human relations.   Understand the management of nursing services in the	Ward management, die
management. Apply the concepts, theories, and techniques of organizational behavior and human relations.	Mid Term & Pre-final theory Exam, Seminar Ward management, die plan, clinical evaluatio
organizational behavior and human relations.	
Understand the management of nursing services in the	
hospital, community and educational institutions.	
Develop skill in planning and organizing in service education for professional advancement.	
Nursing II	
Understand development of community health, national health planning, polices, problems and delivery of health services.	Mid Term & Pre-final theory practical Exam, Assignment care plan
Roles and responsibilities of nursing personnel in assisting individuals and groups to promote and maintain their health.	case study ,Health talk clinical evaluation ,Procedure, seminar
Appreciate national health and family welfare program,	
)	maintain their health. Appreciate national health and family welfare program.

62803	CO 52	Describe the normal and high risk pregnancy, labor, peurperium and apply knowledge and skill in giving need based care.	Mid Term & Pre-final theory practical Exam, Assignment care plan
	CO 52	Motivate mother for care of the baby and adaptive family planning methods to maintain small family norms.	case study ,Health talk clinical evaluation, case book , newborn evaluation



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## Post Basic B.Sc. Nursing Course Outcome First Year Post basic B. Sc. Nursing

Course Code	CO No.	Course outcome	Method of Assessment
1. Nursing For	undation		
	CO 01	Identify professional and ethical of nursing	
61301	CO 02	Identify the role of nurse in various levels of health services by utilizing nursing process.	Mid Term & Pre-final theory Exam,
	CO 03	Explain theories, current trends in health and Nsg by appreciate significance of quality assurance.	
2. Nutrition an	nd Dietetics	8	
	CO 04	Explain the principles and practices of nutrition and dietetics.	Mid Term & Pre-final
61302	CO 05	Identify nutritional needs of different age groups and plan diet Plan therapeutic diets in different settings.	theory Exam
	CO 06	Prepare meals using different methods utilizing cookery rule.	
3. Biochemistr	y and Biop	ohysics	
	CO 07	Understand Basic principles of Biochemistry and properties of important biomolecules.	
61303	CO 08	Describe the mechanisms involved in maintenance of body fluids, electrolytes and working of enzymes as a diagnostic tools for the clinician.	Mid Term & Pre-final theory Exam
	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.	
4. Psychology	7		
61304	CO 11	Analyzing own thought and behavior patterns by understanding self & others	Mid Term & Pre-final
01304	CO 12	Applying psychological principles while performing nursing duties.	theory Exam, Journal

	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. Microbiol	ogy		
	CO 15	Identify common disease causing organisms	
	CO 16	Basic principles of Microbiology & its significance in health & disease	Mid Term & Pre-final theory
61305	CO 17	Handling of infective specimens	Exam, Journal
	CO 18	Various methods of sterilization, disinfection and Role of nurse in hospital infection control system	
6. Maternal	Nursing		
	CO 19	Describe the physiology of pregnancy, labor, and puerperium and Manage normal pregnancy, labor and puerperium.	Mid Term & Pre-final theory
61306		Explain the physiology of lactation, family	Practical Exam, Case study
	CO 20	planning methods advice on management of	,Care plan ,Health talk , Clinical evaluation, Case

	CO 21	Provide pre- and post-operative nursing care in obstetric conditions.	presentation
	CO 22	Identify and manage high risk pregnancy including appropriate referrals.	
7. Child Heal	th Nursin	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

		Explain the physiological response of body to	
	CO 24	disease conditions in children & Identify the	
		various preventive, promotive and rehabilitative	
		aspects of child.	
		Explain the physiological response of body to	
	CO 25	disease conditions in children & Identify the	
	0 25	various preventive, primitive and rehabilitative	
		aspects of child.	
8. Medical S	urgical Nurs	sing	
		1	
		Explain the etiology, pathophysiology,	
	CO 26	manifestation investigations, treatment & care of	
		patients with Medical Surgical conditions.	
		Explain the actions, side-effects & nursing	Mid Term & Pre-final
	CO 27	implications in administering drugs for various	theory Practical Exam,
61308		disorders.	Case study ,Care plan
01000		Develop skill in giving comprehensive nursing	,Health talk , Clinical
	CO 28	care to patients following the steps of nursing	evaluation, Case
		process and appreciate the role of the nurse in the	presentation
		Medical Surgical health team.	
	CO 29	Assist the patients & their families in identifying,	
	CO 29	meeting their own health needs by providing	

		planned & incidental health education.	
9. English			
-	CO 30	Understands English language and develop skill in speaking and writing.	Mid-term , Prefinal exam



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# Post Basic B.Sc. Nursing

## **Course Outcome**

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

Course Code	CO No.	Course outcome	Method of Assessment
1. Sociolo	ogy		
	CO 31	Describe sociological concepts applicable to nursing.	Mid Term & Pre-final
61411	CO 32	Determine role of sociology in nursing as related to social institutes in India.	theory Exam, assignmen 10 Marks
	CO 33	Develop positive attitudes towards individual family and community.	-
2. Comm	unity Health N	lursing	
	CO 34	Explain the concept of various factors contributing the health of individual family and community.	Mid Term & Pre-final
	CO 35	Explain and analyze health need of individual family and community based on factors	theory Practical Exam, , Clinical evaluation, Case
61412	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.	presentation, Health Survey, School Health Programme
	CO 37	Describes epidemiological methods and principles of prevention and control of illness in the community.	

. Mental He	alth Nursi	ng	
61413	CO 38	Describe principles, and development of psychiatric nursing.	Mid Term & Pre-final theory Practical Exam,
	CO 39	Plan, care and manage the patients with various mental disorders.	Case study ,Care plan ,Health talk , Clinical
	CO 40	Identify role in nurse preventive psychiatric; communicate therapeutically with patient and their family.	evaluation, Case presentation, Drug study, MSE, Process recording, History Taking

4. Introduction	on to Nursin	g Education	
61414	CO 41	Understand curriculum development, teaching learning process, assessment and is by able to teach using various methods and media.	Mid Term & Pre-final theory Practical Exam,
61414	CO 42	Participate in school/College of Nursing administration & conduct in-service education programme, counseling & guidance.	Lesson plan
5. Introduction	on to Nursin	g Administration	
	CO 43	Identify principles of administration/ management and manage nursing unit.	Mid Term & Pre-final
61415	CO 44	Identify dynamics of organizational behavior, styles, personal management and functions of effective leaderships.	theory Exam, Performance Appri, clinical evaluation seminar ,job discri, visit report, ward management , rotation plan
6. Introduction	on to Nursir	g Research and Statistics	i -
62806	CO 45	Understands basic concepts of research and nursing research process.	Mid Term & Pre-final
02800	CO 46	Conducts group projects and write report.	theory Exam, Project 50 marks





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# M.Sc. Nursing

#### **Course Outcome**

#### First Year M.Sc. Nursing

Course Code	CO No.	Course outcome	Method of Assessment
1.Nursing Educa	tion		
	CO 01	Demonstrate competency in formulating use of instructional media and methods, educational objective in teaching learning process	Learning Resource Material, Curriculum
54001	CO 02	Understand measurement, evaluation and use of standardized tools and test	Planning, Practice Teaching, Conduct Workshop
	CO 03	Describe the process of curriculum development, innovation and integration.	Prepare Question Bank
	C0 04	Demonstrate skill in management of nursing education institute and guidance and counseling of students	
2. Advance			
Nursing Practice			
54002	CO 05	Describe ethical, legal, political, bio- psycho- social dynamics of health, economic aspects of health care delivery and nursing practice	

CO 06	<ul><li>and Provide holistic and competent nursing</li><li>care in nursing process approach.</li><li>Discuss concepts, principles, theories, models,</li><li>approaches relevant to nursing and their</li></ul>	Mid Term & Pre- final theory Exam, clinical evaluation
CO 07	application. Identify latest trends in advance nursing practice and Perform extended and expanded role of nurse and Describe alternative modalities and concept of quality control in advance nursing practice .	,Seminar , care plan
C0 08	Identify the scope of nursing research and Use computer in patient care delivery system and nursing practice.	

3. Mental he	ealth Nursin		
	CO 09	Describe the dynamics of personality development and human behavior, concepts of psychobiology in mental disorders and its implications for psychiatric nursing	Mid Term & Pre-final theory , practical Exam,
54007	CO 10	Demonstrate therapeutic communications skills, role of psychiatric nurse practitioner in various therapeutic modalities and therapeutic relationship with individual/groups, Uses assertive technique in personal and professional actions	MSE, Health talk , Process recording, care plan, case study ,case presentation, Seminar
	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	

Commun	ity meanin N	ursing Specialty–I	
	CO 12	Appreciate the history and development in the fieldof Community health, Perform physical,developmental and nutritional assessment ofindividuals, families and groups, Apply the conceptsof primitive, preventive, curative and rehabilitativeaspects of health while providing care to the people	Mid Term & Pre-final theory Exam, Health talk ,Seminar , Family case study , care plan
54006	CO 13	Recognize and participate in the management of emergencies, epidemics and disasters, Incorporate evidence based nursing practice and identify the areas of research in the Community settings.	Survey report, school health programme, clinical evaluation
	CO 14	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 15	Appreciate legal and ethical issues pertaining to community health nursing care	

. Medical Surgical Nursing Specialty –I		
54003 CO 16	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 17	Appreciate the legal and ethical issues relevant to Medical Surgical Nursing and role of alternative systems of medicine, Incorporate evidence based Nursing practice and identity the areas of research in the field of Medical Surgical Nursing, Recognize and manage emergencies with medical surgical nursing	Mid Term & Pre-final Practical Exam ,Project, seminar, care plan case study , clinical evaluation
6. Nursing F	Research an	d Statistics	
	CO 18	Describe research methodology and develop a research proposal.	
54008	CO 19	Conduct a research study, Analyze and interpret the research data	Mid Term & Pre-final theory Exam, research critiques,
54008	CO 20	Communicate research findings, utilize research findings, Critically evaluate nursing research studies and write scientific paper for publicatio	project work, research study presentation, ROL



COLLEGE OF NURSING



Opp. Govt. Milk Dairy, M.I.D.C., Ahemadnagar- 414 111 Tel :-( 0241) 2778042, 2779757, 2777059, Fax :-(0241)2779782 E-mail:<u>principal@vimscon.edu.in</u> Website:<u>www.vimscon.edu.i</u>n

# M.Sc. Nursing

#### **Course Outcome**

## Second Year M.Sc. Nursing

Course Code	CO No.	Course outcome	Method of Assessment
1. Nursing N	Management		
	CO 21	Describe the philosophy and objective of the health care institutions at various level, and Identify trends and issues in nursing	
54011	CO 22	Discuss the public administration, health care administration and principles of administration applied to nursing and Explain the organization of health and nursing services at the various levels / institutions.	Mid Term & Pre-final theory Exam, semina
	CO 23	Collaborate and co-ordinate with various agencies by using multispectral approach and Discuss the 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 24	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.	
2. Medical	Surgical Nu	ursing ( cardiovascular and thoracic nursing )	
	CO 25	Describe the epidemiology, etiology, pathos-physiology and diagnostic assessment of cardio vascular and thoracic conditions	
	CO 26	Participate in national health programs for health promotion prevention and rehabilitation of patients with cardio vascular and thoracic conditions	Mid Term & Pre-final Practical Exam ,Project, seminar, care plan case study ,
54012A	CO 27	Perform physical, psychosocial and spiritual assessment and Assist in various diagnostic, therapeutic and surgical procedures	clinical evaluation
	CO 28	Demonstrate advance skills / competence and Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support, demonstrate skill in handling various equipment of cardiovascular and thoracic patients and Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility.	

	C029	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	
3.Communit	y health Nu	rsing Specialty II	
54015	CO 30	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
	CO 31	Demonstrate leadership abilities in organizing community health nursing services by using inter-sect oral and multi-disciplinary approach and Describe the role and responsibilities of community health nurse in various national health and family welfare programmes.	categories of health person, school health programme
	CO 32	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 a layout of sub center/Primary health center/Community health center and develop standards for community health nursing practice.	
4.Mental He	alth Nursin	g Specialty –II	
54016	CO 33	Apply the nursing process in the care of mentally ill patients in hospital and community and Demonstrate advanced skills/competence in nursing management of patients with mental illness.	Mid Term & Pre-final theory , practical
	CO 34	Identify and manage psychiatric emergencies, appreciate	Exam, MSE, Health

	the legal and ethical issues pertaining to psychiatric	talk, Process
	nursing and Identify areas of research in the field of	recording, care plan,
	psychiatric nursing.	case study ,case
	Prepare a design layout and describe standards for	presentation, Seminar
	management of psychiatric units/ hospitals and Teach	
CO35	psychiatric nursing to undergraduate students & in-	
	service nurses.	

### 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 the Three degree program, which include one year of internship. As all programs is regulated by the Indian Nursing Council of India, COs, POs and PSOs are defined by it. Based on this, course outcomes are refined by the respective faculty members of the course using action verbs of learning levels as suggested by Bloom Taxonomy. Then, a correlation is established between COs and POs and COs and PSOs 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-PSOs **is** prepared at the institute level in this regard for all courses in the program

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

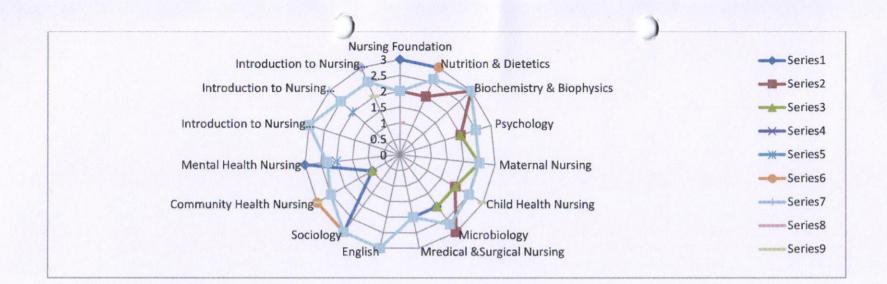
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Year	Course	Po1	Po2	Po3	Po4	Po5	P06	Po7	Po8	Po9	Po10	Average
	Nursing Foundation	3	2						1			2
	Nutrition & Dietetics	3	2				3					2.6
	Biochemistry & Biophysics		3									3
Elast Wasa	Psychology	2	2	2								2.5
First Year	Maternal Nursing		2.5	2.5								2.5
	Child Health Nursing	2	2	2						3		2.5
	Microbiology	2	3	2								2.7
	Medical &Surgical Nursing	2										2
	English	<b>BARRAN</b>			3							3
	Sociology	3					3					3
	Community Health Nursing	1		1			3			3		2.5
	Mental Health Nursing	3				2		2				2.3
Second Year	Introduction to Nursing Education						3				3	3
	Introduction to Nursing Administration					2		3				2.5
	Introduction to Nursing Research and Statistics									2	3	2.5
		2.3	2.3	1.9	3	2	3	2.5	1	2.6	2	2.5

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



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

### Analysis of COs, POs and PSOs

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 PSO, whereas medium correlation between Cos and PSO. 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 PSO.

### 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.

## P.B B.Sc. Nursing

Year	NSG	NT	BIO	PSY	Місто	Child Health Nursing	Mat	MSN	ENG	Socio	CHN	MHN	EDU	NSG ADMI	Rese	Attainment level
2020-2021	69	81	46	54	62	62	44	82	100	82	68	73	77	68	100	3
2021-2022	58	23	69	46	46	35	23	27	100	74	44	65	78	61	100	3

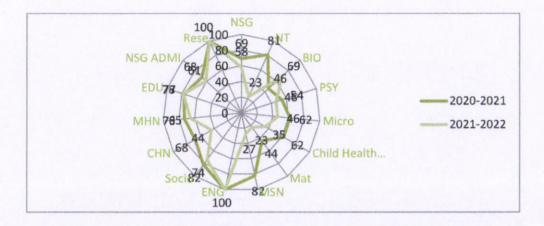
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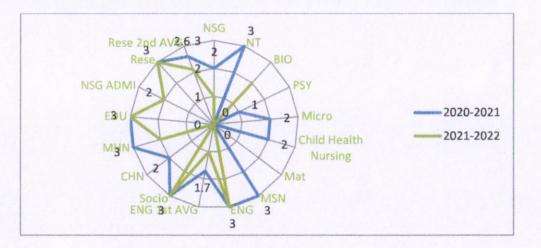
## Program Attainment Score

Year	NSG	NT	BIO	PSY	Micro	Child Health Nursing	Mat	MSN	ENG	1 <sup>st</sup> AVG	Socio	CHN	MHN	EDU	NSG ADMI	Rese	2 <sup>nd</sup> AVG	Attainment level
2020-2021	2	3	0	1	2	2	0	3	3	1.7	3	2	3	3	2	3	2.6	3
2021-2022	1	0	2	0	0	0	0	0	3	1	3	0	2	3	2	3	2.1	3

Programme Attainment Score 1st P.B B.Sc. Nursing-2020-2021 To 2021-2022



Programme Attainment Score 2<sup>nd</sup> P.B B.Sc. Nursing-2020-2021 To 2021-2022



## **Course Attainment Score**

Attainment of Course Assessment is based on the pass percentage of each course in year. To obtain attainment Score of course summative assessment marks of individual students is considered. The components of summative assessments are internal assessment marks theory practical university examination theory practical .consolidated marks obtain in a course, individual students is given a score3 >70%, 2 61-70%, 1 50-59%, 0>50%. All the score in that course added and divided by total no of Students appear for the course. The obtain result considered as course attainment Score

Year	NSG	NT	BIO	PSY	Micro	Child Health Nursing	Mat	MSN	ENG	Socio	CHN	MHN	EDU	NSG ADMI	Rese	Attainment level
2020-2021	1.3	1.8	1	1	1.2	1.6	1.6	1.8	1.6	1.8	1.5	2.2	1.7	1.2	3	3
2021-2022	0.8	1.4	0.1	1	1	1	1.6	1.2	2.1	1.6	1.7	2	1.6	1.3	2.5	3

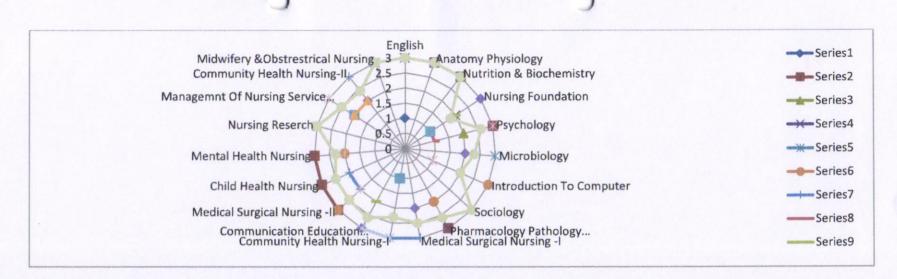
**Conclusion-** Going by Analysis of Program Outcome Course Outcome and Attainment score of them. We can conclude that it is achieved to a satisfactory level

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

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	Average
English			3					3						3
Anatomy Physiology	3		3											3
Nutrition & Biochemistry	3	3		3										3
Nursing Foundation			2				1	2	3	1				1.8
Psychology	3	2					1						3	2.6
Microbiology				3		2			2				I ANALAS	2.3
Introduction To Computer					3								1	2
Sociology								3	3					3
Pharmacology Pathology & Genetics	3		3		2									2.6
Medical Surgical Nursing -I						3			2					2.5
Community Health						3			2					2.0
Nursing-I						3				1		3		2.3
Communication														
Education														
Technology								2	3			3		2.6
Medical Surgical Nursing -II	3				3	2							2	2.5
Child Health Nursing	3					2		2						2.5
Mental Health Nursing	3				2								2	2.3
Nursing Research		3										3		3
Management Of Nursing Service & Administration				3						2	2		3	2.5
Community Health Nursing-II						3			2		2			2.4
Midwifery &Obstetrical Nursing			3	3										3
	21	8	14	12	10	15	2	10	15	4	4	9	11	48.9

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



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

### Analysis of COs, POs and PSOs

On analyzing, the average score of individual program outcome ranges from 2.8 to 3. It shows, there exist a strong correlation of all COs with that of PSO, whereas medium correlation between Cos and PSO. Similarly, on analyzing, the average score of individual program educational objective outcome ranges from 2.8 to 3. It shows there exist a strong correlation of all COs with that of PSO.

### 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

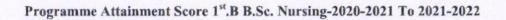
- 1) Attainment Level 3(>70%) marks out of the maximum relevant marks.
- 2) Attainment Level 2 (60-70%) marks out of the maximum relevant marks.
- 3) Attainment Level 3 (50-60%) marks out of the maximum relevant marks.
- 4) Attainment Level 0 (<50%) marks out of the maximum relevant marks.

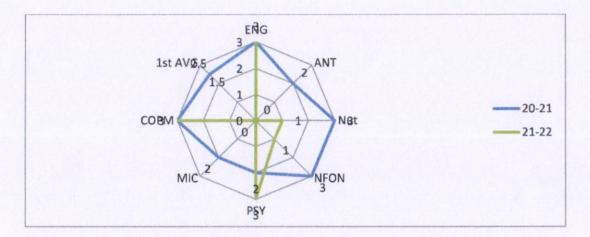
MAG CHN-MIDWI REAS Soci MSN-CHN-MSN-Attai Π РРН Year ENG ANT Nut NFON PSY MIC COPM CET CHN MHN Rese level I I 2020-2021 -2021-2022 

Program Attainment Score

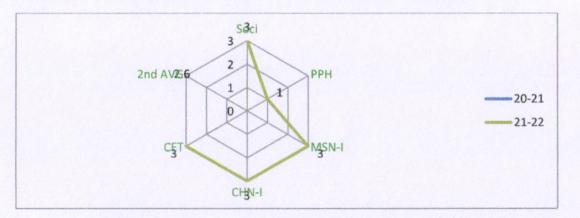
Year	ENG	ANT	Nut	NFON	PSY	MIC	СОРМ	1 <sup>st</sup> AVG	Soci	РРН	MSN-I	CHN-I	CET	2 <sup>nd</sup> AVG	MSN-II	CHN	MHN	Rese
20-21	3	2	3	3	2	2	3	2.5	3	1	3	3	3	2.6	3	3	0	-
21-22	3	0	1	1	3	0	3	1.5	3	1	3	3	3	2.6	2	3	3	3

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
2.7	3	3	3	3	3	3

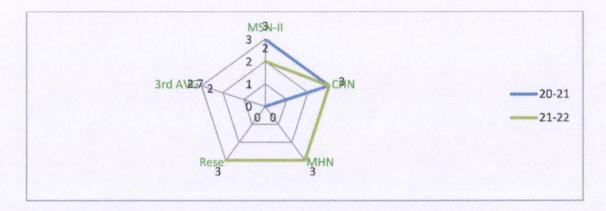




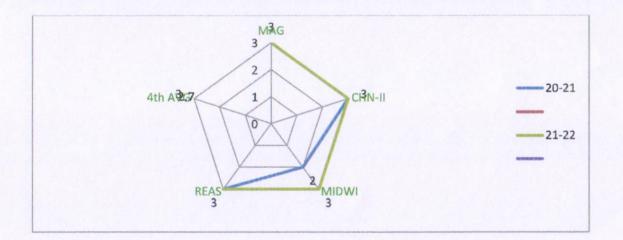
Programme Attainment Score 2<sup>nd</sup> .B B.Sc. Nursing-2020-2021 To 2021-2022



Programme Attainment Score 3<sup>rd</sup> .B B.Sc. Nursing-2020-2021 To 2021-2022



Programme Attainment Score 4th .B B.Sc. Nursing-2020-2021 To 2021-2022



### **Course Attainment Score**

Attainment of Course Assessment is based on the pass percentage of each course in year. To obtain attainment Score of course summative assessment marks of individual students is considered .the components of summative assessments are internal assessment marks theory practical university examination theory practical .consolidated marks obtain in a course ,individual students is given a score3 > 70%, 2 61-70%, 1 50-60%, 0 > 50%. All the score in that course added and divided by total no of Students appear for the course. The obtain result considered as course attainment Score

Year	ENG	ANT	Nut	NFON	PSY	міс	СОРМ	SOCI	РРН	MSN- 1	CHN- I	СЕТ	MSN- II	CHIN	MHN	Rese	MAG	CHN- II	MIDWI	REAS	Attai level
20-21	2.7	0.9	1.3	1.2	1	1.2	2.3	1.5	1	1.7	1.6	1.1	1.7	1.8	1. 7	-	1.9	2.2	1.4	3	3
21-22	3	0.6	0.9	1.7	0.9	0.4	3	1.7	1	2.2	1.9	1.5	1.9	1.8	2.3	1.5	1.7	2.3	2.4	-	3

**Conclusion-** Going by Analysis of Program Outcome Course Outcome and Attainment score of them. We can conclude that it is achieved to a satisfactory level

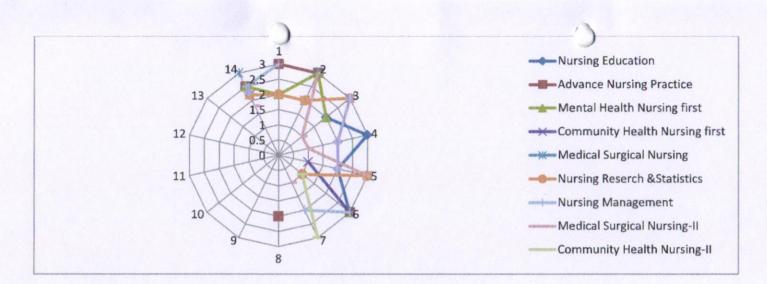
M.Sc. Nursing programme	-PO & CO outcome Analys	is (Post Graduate Program)

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Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	Average
Nursing Education			2	3	2	3							Nessel.	2.5
Advance Nursing Practice	3	3				3		2					<b>Magna</b>	2.5
Mental Health Nursing first	2	3	2			3								2.5
Community Health Nursing first		2	3		1	3								2.2
Medical Surgical Nursing	<b>FORMER</b>	3			3									3
Nursing Research & Statistics	2	2	3		3	1								2.2
Nursing Management	3			2		3	2							2.5
Medical Surgical Nursing-II		3	1	1	3		1				Harlest			1.8
Community Health Nursing- II			3			1	3							2.3
Mental Health Nursing-II			3	2	2									2.3

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

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

### Analysis of COs, POs and PSOs

On analyzing, the average score of individual program outcome ranges from 1.8 to 3. It shows, there exist a strong correlation of all COs with that of PSO, whereas medium correlation between Cos and PSO. Similarly, on analyzing, the average score of individual program educational objective outcome ranges from 1.8 to 3. It shows there exist a strong correlation of all COs with that of PSO.

### Attainment level and score of POs and COs

### **Program Attainment level**

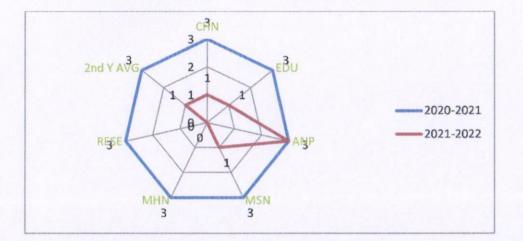
Attainment level of program is based on the pass percentage of the course in each subject. As per MUHS passing criteria 50% is the minimum marks to declare the student pass. Accordingly

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

Year	CHN	EDU	ANP	MSN	MHN	RESE	CHN	MHN	MSN	ADMI	DISER	Attain Level
2020-2021	100	100	100	100	100	87	100	100	100	100	72	3
2021-2022	50	50	100	50	0	25	90	100	17	100	87	3

**Program Attainment Score** 

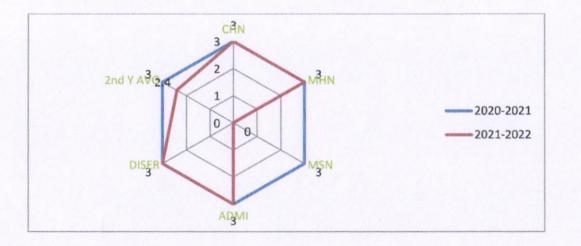
Year	CHN	EDU	ANP	MSN	MHN	RESE	2 <sup>nd</sup> Y AVG	CHN	MHN	MSN	ADMI	DISER	2 <sup>nd</sup> Y AVG	Attain Level
2020-2021	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2021-2022	1	1	3	1	0	0	1	3	3	0	3	3	2.4	3



Programme Attainment Score 1st .M.Sc. Nursing-2020-2021 To 2021-2022

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Programme Attainment Score 2<sup>nd</sup> .M.Sc. Nursing-2020-2021 To 2021-2022



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## **Course Attainment Score**

Attainment of Course Assessment is based on the pass percentage of each course in year. To obtain attainment Score of course summative assessment marks of individual students is considered .the components of summative assessments are internal assessment marks theory practical university examination theory practical .consolidated marks obtain in a course ,individual students is given a score3 > 70%, 2 61-70%, 1 50-60%, 0 >50%. All the score in that course added and divided by total no of Students appear for the course. The obtain result considered as course attainment Score

Year	CHN	EDU	ANP	MSN	MHN	RESE	CHN	MHN	MSN	ADMI	DISER	Attain Level
2020-2021	3	2.3	1.8	2.6	2.7	1.7	2.6	2.3	2.3	1.9	2.7	3
2021-2022	2.3	0.5	1.1	2	-	0.2	3	2.6	2.8	2	2.7	3

**Conclusion-** Going by Analysis of Program Outcome Course Outcome and Attainment score of them. We can conclude that it is achieved to a satisfactory level

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PRINCIPAL Dr.V.V.P.P's College of Nursing Ahmednagar