



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A++' Accredited by NAAC

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Curriculum for Master of Science (Medical Surgical Nursing)

Amended upto AC-50/2024, Dated 27/11/2024

Amended History

1. Approved as per BOM -09/2008, Item 6.8, dated 08/11/2008.
2. Amended up to BOM-34/2014, dated 27/02/2014
3. Amended upto Resolution No. 3.1.3.1 of BOM 62/2020, dated 16/09/2020.
4. Amended upto Resolution No. 4.3.3.2 of BOM 63/2021, dated 17/02/2021.
5. Amended upto Resolution No. 3.14 of AC-41/2021, dated 27/08/2021.
6. Amended upto Resolution No. 6.19 of AC-48/2023, dated 12/12/2023.
7. Amended as per [Resolution No. 3.20] of AC-49/2024, dated 25/04/2024.
8. Amended as per [Resolution No. 3.21] of AC-50/2024, Dated 27/11/2024.

Curriculum for M.Sc. Nursing

Medical Surgical Nursing (Critical Care Nursing)



IN PURSUIT OF EXCELLENCE



MGM INSTITUTE OF HEALTH SCIENCES

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Newi Mumbai - 410 203

www.mgmuhsc.com



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Curriculum

M.Sc Nursing

Based on Indian Nursing Council Syllabus



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PHILOSOPHY OF THE PROGRAM

MGM New Bombay College of Nursing (NBCON) is a constituent unit of MGM Institute of Health Sciences (MGMIHS) Navi Mumbai. The philosophy of NBCON is in consistent with the philosophy of MGMIHS and Indian Nursing council New Delhi;

We believe that

- Excellency in health care can be achieved through innovative research and through excellence in education of the health care professionals.
- Post graduate programme is essential to prepare nurses to improve the quality of nursing education and practice in India.
- Post graduate programme in nursing builds upon and extends competence acquired at the graduate levels, emphasizes application of relevant theories into Nursing practice, education, administration and development of research skills.
- The programme prepares nurses for leadership position in nursing and health fields who can function as nurse specialists, consultants, educators, administrators and researchers in a wide variety of professional settings in meeting the National priorities and the changing needs of the society.
- This programme provides the basis for the post master programme in Nursing.
- The programme encourages accountability and commitment to lifelong learning which fosters improvement of quality care.



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M.Sc NURSING PROGRAMME

AIM:

The aim of the postgraduate program in nursing is to prepare graduates to assume responsibilities as nurse specialists, consultants, educators, administrators in a wide variety of professional settings.

OBJECTIVES OF POST BASIC B.Sc NURSING PROGRAMME:

On Completion of the two year M.Sc Nursing programme, the graduate will be able to:-

1. Utilize/apply the concepts, theories and principles of nursing science
2. Demonstrate advance competence in practice of nursing
3. Practice as a nurse specialist.
4. Demonstrate leadership qualities and function effectively as nurse educator and manager.
5. Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
6. Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
7. Establish collaborative relationship with members of other disciplines
8. Demonstrate interest in continued learning for personal and professional advancement.

DURATION

Duration of the course is 2 years for M.Sc. (N)

Available	52 weeks
Vacation	4 weeks
Examination	2 weeks
Gazetted holidays	3 weeks
Total weeks available	43 weeks
40 hours per week	1720 hours
Total hours for 2 years	3440 hours



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M.Sc NURSING PROGRAMME

COURSE OF INSTRUCTION

First Year

SL. NO.	SUBJECT	THEORY (IN HRS)	CLINICAL (HRS)
1	Nursing education	150	150
2	Advance nursing practice	150	200
3	Nursing Research and statistics	150	100
4	*Clinical specialty –I	150	650
	Total	600	1100

Second Year

SL. NO.	SUBJECT	THEORY (IN HRS)	CLINICAL (HRS)
1	Nursing Management	150	150
2	Nursing Research(Dissertation)		300
3	*Clinical Specialty-II	150	950
	Total	300	1400

Educational visit 2 weeks

***Clinical Specialty** – Medical Surgical Nursing (Critical Care Nursing),

Note: Students have to maintain log book for each activity during the course of study



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REGULATIONS FOR EXAMINATION

Eligibility for appearing for the examination:

75% of the attendance for theory and practical. However, 100% of attendance for practical before the award of degree

Classification of results:

- 50% pass in each of the theory and practical separately.
 - 50-59% Second division
 - 60-74% first division
 - 75% and above is distinction
 - For declaring the rank aggregate of 2 years marks to be considered
- If the candidate fails in either practical or theory paper he/she has to re- appear for both the papers (theory and practical)
 - Candidate, who fails in any subject, shall be permitted to continue the studies into the second year. However the candidate shall not be allowed to appear for the Second year examination till such time that he/she passes all subjects of the first year M.Sc nursing examination. The maximum period to complete the course successfully should not exceed 4 years



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COURSE OUTLINE

FOR

I YEAR M.Sc. NURSING



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ADVANCED NURSING PRACTICE

Placement: - First Year

Hours of instructions: -Theory: 150 hrs

Practical: 200 hrs

Total: 350 hrs

Course Description

The Course is designed to develop understanding concepts of theoretical basis of advanced nursing practice and critically analyze different theories of nursing and other disciplines.

Objectives: At the end of the course students.

1. Appreciate and analyze the development of nursing profession.
2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
3. Explain bio psycho-social dynamics of health, lifestyle and health care delivery system.
4. Discuss concepts, principles, theories, models and approaches relevant to nursing and their application.
5. Describe scope of nursing practice.
6. Provide holistic and competent nursing care following nursing process approach.
7. Identify latest trends in nursing and the basis of advanced nursing practice.
8. Perform extended and expanded role of nursing.
9. Described alternative modalities of nursing care.
10. Describe the concept of quality control in nursing.
11. Identify the scope of nursing research.
12. Use computer in patient care delivery system.
13. Appreciate importance of self-development and professional advancement.



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CONTENT

Unit	Hours	Learning objectives	Content	Teaching	Assessment method
I	10	Describe nursing as a profession Discuss the ethical and legal responsibilities of professional nurse. Explain the role and research, leadership and management in nursing. Explain the role of future nurse	Nursing as a Profession <ul style="list-style-type: none"> • History of development of nursing as a profession, characteristics, criteria of profession-national global • Code of ethics (INC), code of professional conduct, autonomy and accountability, assertiveness, visibility of nurses, legal consideration. • Role of regulatory bodies. • Professional organizational and union, self-defense, individual and collective bargaining. • Educational preparation, continuing education, career opportunities, professional advancement, role and scope of nursing education. • Role of research leadership and management • Quality assurance in nursing • Futuristic Nursing 	Lecture cum discussion Seminar 1. Nursing as a Profession 2. History & trends in nursing Group discussion- Ethics in nursing ethical and legal responsibilities of a professional nurse Debate- Scope of nursing education Brainstorming- Nurse as a leader	Seminar Group Discussion Brainstorming Essay Short answer questions
II	5	Describe the health care delivery system at various levels Describe health plans, policies and planning process	Health Care delivery <ul style="list-style-type: none"> • Health care environment, economics, constraint, planning process. • Health care delivery system- National, State, district and local level • Major stake holders in health care systems-government, non-government, Industry and other professionals. • Pattern of nursing care delivery in India • Health care delivery concerns- • National health and family welfare program, intersectoral co-ordination, role of non-government agencies 	Lecture cum discussion Seminar Group discussion on Health Care delivery system Seminar 1. Health planning & management 2. N.R.H.M. role of NGO in health care of community Symposium Health planning in India-Recent trends & issues Panel Discussion Role of nurse in Health care delivery system Visit to telemedicine unit	Seminar Group Discussion Debate Observation Report Essay Short answer questions



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Unit	Hours	Learning objectives	Content	Teaching Learning	Assessment method
III	10	<p>Explain basic principles of genetics Illustrate approaches to common genetic disorders Explain the recent trends in genetics Explain the screening methods for genetic disorders Discuss ethical, legal and psychosocial issues in genetic testing Describe the role of nurse in genetic counseling and genetic services</p>	<p>Genetics</p> <ul style="list-style-type: none"> • Review of cellular division, mutation and law of inheritance, human genome project, the genetic era. • Basic concept of genes, chromosomes and DNA. • Approaches to common genetic disorders. • Genetic Testing – Basis of genetic diagnosis, pre-symptomatic and predisposition testing, prenatal diagnosis & screening. • Ethical, legal and psychosocial issues in genetic testing. • Genetic Counseling • Practical application of genetics in nursing 	<p>Lecture cum discussion</p> <p>Group discussion Ethical legal & psychosocial issues in genetic testing</p> <p>Role Play Genetic counseling & role of nurse</p>	<p>Seminar Group Discussion Role Play Essay Short answer questions</p>
IV	10	<p>Describe the concept, scope, uses, methods and approaches of Epidemiology.</p>	<p>Epidemiology</p> <ul style="list-style-type: none"> • Scope, Epidemiological approach and methods. • Morbidity, Mortality, • Concepts of causation of disease and their screening. • Application of Epidemiology in health care delivery, Health surveillance and health informatics. • Role of nurse 	<p>Lecture cum discussion</p> <p>Discussion Role of Community health nurse in the management of an epidemic</p>	<p>Essay Short answer questions</p>



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Unit	Hours	Learning objectives	Content	Teaching Learning	Assessment method
VII		Explain nursing process and the various steps of nursing process	<p>Nursing Process Approach</p> <ul style="list-style-type: none"> • Health assessment illness status of patients- Identification of health illness problems, health behavior, signs and symptoms of clients. • Methods of Collection, analysis and utilization of data relevant to nursing process. • Formulation of nursing care plan, health goals, implementation, modification and evaluation of care. 	<p>Symposium</p> <p>Nursing process Preparation of nursing care plan</p>	<p>Essay Short answer questions</p>
VIII	30	<p>Describe the growth and development</p> <p>Illustrate psychological aspect & human relations</p>	<p>Psychological aspect and human relations</p> <ul style="list-style-type: none"> • Human behavior, life processes, growth and development, personality development, defense mechanisms • Communication, interpersonal relationship, individual and group, group dynamics and organizational behavior • Basic human needs, growth and development, (conception through p[re school, school age through adolescence, young and middle adult and older adult) • Sexuality and sexual health • Stress and adaption, crisis and its intervention • Coping with loss death and grieving Principles and techniques of counseling. 	<p>Lecture cum discussion – Discussion- Review of growth & development</p> <p>Project – Growth and development</p> <p>Role Play- Therapeutic communication counseling</p> <p>Seminar- Stress and anxiety Group dynamics</p>	<p>Seminar Project Role Play Essay Short answer questions</p>



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Unit	Hours	Learning objectives	Content	Teaching Learning	Assessment method
IX	10	Describe alternative modalities of nursing care Illustrate primary health care Explore expanded and extended role of nurse	<p>Nurse Practice: -</p> <ul style="list-style-type: none"> • Framework, scope and trends • Alternative modalities of care, alternative systems of health and complementary therapies. • Extended and expanded role of the nurse, in promotive, preventive, curative and restorative health care delivery system in community and Institutions • Health promotion and primary health care • Independent practice issue-independent practice issues-independent nurse – midwifery Practitioner • Collaboration issues and models within and outside nursing • Model of prevention • Family nursing, home nursing • Gender sensitive issues and women empowerment • Disaster nursing • Geriatric considerations in nursing • Evidence based nursing Practice-Best practices • Transcultural nursing 	<p>Lecture cum discussion Symposium Alternative and complementary therapies in health care</p> <p>Group discussion Extended and expanded role of nurse in preventive, promotive health care delivery</p> <p>Debate- Nurse as an independent practitioner</p> <p>Discussion- Collaboration issues and models within and outside nursing</p> <p>Seminar Holistic approach to health care trans cultural nursing Disaster nursing Role of nurse in geriatrics</p> <p>Visit: - Old age home</p>	<p>Essay Seminar Debate Group Discussion Short answer questions Visit</p>
X	25	Demonstrate skill in applying computers in nursing	<p>Computer application for patient care delivery system and nursing practice</p> <ul style="list-style-type: none"> • Use of Computers in teaching, learning, research and nursing practice. • Windows, MS Office: Word, Excel, Power Point • Internet, literature search • Statistical Packages • Hospital Management information system: Soft wares 	<p>Lecture cum discussion</p> <p>Demonstration</p>	<p>Preparation of power points, word documents</p>



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PRACTICALS

Sr. No.	Area	Duration in weeks
1	Specialty Area – inpatient unit	2
2	Community Health Center / PHC	1
3	Emergency / ICU	2

Activities

- Prepare case studies with nursing process approach and theoretical basis
- Preparation of comparative picture of theories
- Family case work using model of prevention.
- Annotated Bibliography.

Methods of Teaching

- Lecture cum discussion
- Seminar
- Panel Discussion
- Debate
- Case Presentation
- Exposure to Scientific Conferences
- Field Visits

Methods of Evaluation

- Tests
- Presentation
- Seminar
- Written Assignment

Visits-

- Telemedicine Unit
- Biomedical waste management unit
- Infection control unit
- Old age home



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BIBLIOGRAPHY

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2. Kozier B et al, Fundamental of Nursing Concepts, process and practice, Pearson education, inc 2nd Indian print 2004.
3. Brunner and Suddarth Text book of medical surgical nursing 10th edition 2002.
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8. Basavanthappa B.T. 2007 Nursing Theories Jaypee Brothers
9. Pearson Alan, Vaughan B. Fitzgerald M (2005) Nursing Models for practice 3 edition Elsevier Limited.
10. Alligood M.R. Tomey A.M. (2006) Nursing theory Utilization and Application S T: Louis Mosby.
11. J.E. Park textbook Preventive and social Medicine 17th edition.
12. Gulanick, M. & Myersm J.L. (2007) Nursing care plans 6th edition St. Louis : Missouri.

INTERNAL ASSESSMENT

THEORY

Total Marks 25

Sr.No.	Technique	Total Marks	Weightage %	Marks
1	Tests			
	First term	50	20	5.0
	Prefinal	75	30	7.5
2	Assignments-			
	Nursing Care Plan (2) *	25	12.5	3.125
	Family case work	25	12.5	3.125
3	Seminar	25	12.5	3.125
4	Presentation of nursing theory	25	12.5	3.125
	Total	225	100	25

* One Nursing care plan should be based on nursing theory

UNIVERSITY EXAMINATION

Internal Assessment	-	25 Marks
University Exam	-	75 Marks
Grand Total	-	100 Marks



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FIRST YEAR M.Sc. NURSING

ADVANCED NURSING PRACTICE

QUESTION PAPER

Marks: - 75

Time: - 3 Hours

SECTION A

Marks - 38

- Q.1) Write Short Answers on any 3 out of 4** **3 X 5 = 15 Marks**
- a. 5 Marks
 - b. 5 Marks
 - c. 5 Marks
 - d. 5 Marks
- Q.2) Long Answers Questions** **15 Marks**
- a. 2 Marks
 - b. 5 Marks
 - c. 8 Marks
- Q.3) Write explanatory notes on any 1 out of 3** **1 X 8 = 8 Marks**
- a.
 - b.
 - c.

SECTION B

Marks - 37

- Q.1) Write Short Answers on any 3 out of 4** **3 X 5 = 15 Marks**
- a. 5 Marks
 - b. 5 Marks
 - c. 5 Marks
 - d. 5 Marks
- Q.2) Long Answers Questions** **15 Marks**
- a. 2 Marks
 - b. 5 Marks
 - c. 8 Marks
- Q.3) Write explanatory notes on any 1 out of 3** **1 X 7 = 7 Marks**
- a.
 - b.
 - c.



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ADVANCED NURSING PRACTICE

SEMINAR/PRESENTATION - EVALUATION CRITERIA

Name of the Student: - _____

Batch: - _____ Date: - _____

Topic:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content		
	Organization	1	
	Coverage	2	
	Use of current literature & research evidence	1	
	Appropriateness	1	
2	Presentation		
	Introduction	1	
	Coverage of subject content	2	
	Sequencing	1	
	Depth of knowledge	2	
	Integration of subject matter	1	
	Explanation & clarification	2	
	Time Management	1	
3	A V aids		
	Relevant, clear & visible	1	
	Creativity	1	
	Used effectively at the right time	1	
4	Speaker's qualities		
	Grooming	1	
	Modulation	1	
	Gestures & Mannerism	1	
5	Group Participation	2	
6	References	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & date

Signature of the student & date



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ADVANCED NURSING PRACTICE

EVALUATION OF NURSING CARE PLAN

Name of the Student: - _____ Batch: - _____

Name of the patient: - _____ Ward:- _____

Diagnosis:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr. No	Criteria	Marks Assigned	Marks Obtained
1	Elicits relevant history	3	
2	Make quick and valid physical assessment	4	
3	Identifies nursing diagnosis	2	
4	Formulates nursing diagnosis	4	
5	Prioritizes the nursing diagnosis	2	
6	Plan care according to priority	2	
7	List the outcome criteria	1	
8	Implements care for priority needs		
	Applies scientific principles	2	
	Practices economy of time, money & material	2	
	Manual dexterity	1	
9	Evaluates the care (based on nurses notes, reports, records patients and relatives response)	2	
	Total	25	

Remarks:-

Signature of the Supervisor & Date

Date & Signature of the student & Date



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EVALUATION FORM – FAMILY CASE WORK

Name of the Student: - _____ Village: - _____

Duration of Posting:- _____ Evaluator's Name: - _____

Total Marks – 25

Marks obtained:- _____

Sr. No	Criteria	Marks Assigned	Marks Obtained
1	Selection of family	1	
2	Family Case Work	2	
	a) History collection of each family member (Physical, Mental, Social health)		
	b) Assessment of each individual according to priority need	2	
	c) Formulates nursing diagnosis	3	
	d) Plan care by using various models of prevention.	3	
	e) Home Visit	2	
	f) Health Education Planned Incidental	4	
3	Rapport with family	2	
4	Setting future goals	2	
5	Interest, Promptness in planning care	1	
6	Family outcome	3	
	TOTAL	25	

Remarks:-

Signature of the Teacher & Date

Signature of the Teacher & Date



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NURSING EDUCATION

Placement: - First year

Hours of instruction: - Theory : 150 Hrs

Practical: 150 Hrs

Total : 300 Hrs

COURSE DESCRIPTION

This course is designed to assist students to develop a broad understanding of fundamental principles, trends and issues related to education and nursing education. Further, it would provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standard and accreditation of various nursing educational development, implementation, maintenance of standard and accreditation of various nursing educational programs.

Objectives:-

At the end of course, students will be able to:

1. Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
2. Describe the teaching learning process.
3. Prepare and utilize various instructional media and methods in teaching learning process.
4. Demonstrate competency in teaching, using various instructional strategies.
5. Critically analyze the existing nursing educational programs their problems, issues and future trends.
6. Describe the process of curriculum development, and the need the methodology of curriculum changes, innovation and integration.
7. Plan and conduct continuing nursing education programs.
8. Critically analyze the existing teacher preparation programs in nursing.
9. Demonstrate skill in guidance and counseling.
10. Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
11. Explain the development of standards and accreditation process in nursing education program.
12. Identify research priorities in human education.
13. Discuss various models of collaboration in nursing education and services.
14. Explain the concept, principles, steps, tools and techniques of evaluation
15. Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.



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Unit	Hours	Learning Objectives	Content	Teaching Learning	Assessment method
I	10		<p>INTRODUCTION :-</p> <ul style="list-style-type: none"> • Education: Definition, aims, concepts, philosophies & their education implication. • Impact of social, economical, political & technological changes on education: • Professional education • Current trends and issue in education • Educational reforms and national educational policy • Trends in development of nursing education in India. • Concept of Nursing education. History of Nursing education in India. • Philosophy and objectives of Nursing education. • Purpose of nursing education in India. • Scientific approach in Nursing. • Current issues and entering trends in Nursing education. • Liberal education and Nursing Education 	Lecture cum discussion	Various philosophies of educational to nursing education. Present the history of nursing education in India, issues & trends in nursing education.
II	20	30	<p>TEACHING –LEARNING PROCESS</p> <ul style="list-style-type: none"> • Concepts of learning and learning • Definition, theories of teaching and learning, relationship between teaching and learning. • Educational aims and objectives; types, domain, levels, elements and writing of educational objectives. • Competency based education (CBE) and outcome based education (OBE). • Instructional design: Planning and designing the lesson, writing lesson plan: meaning its needs and importance, formats. • Instruction strategies : Lecture, discussion, demonstration, simulation, laboratory, Seminar, Panel, symposium, problem based learning,(PBL), workshop, project, role play, (Socio drama), Clinical teaching methods, programmed instruction, self directed learning (SDL), micro teaching, computer assisted instruction (CAI), computer assisted learning (CAL), • Development of effective study habits. 	Lecture cum discussion	Prepare educational objectives on various domains



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III	10	10	<p>INSTRUCTIONAL MEDIA AND METHOD</p> <ul style="list-style-type: none"> • Key concepts in the selection and use of media in education • Developing leaning resource material using different media. • Instructional Aids – types, uses, sections, preparation, and utilization. • Teacher’s role in procuring and managing instructional Aids – project and non projected Aids, multimedia, video-tele conferencing etc 	Lecture cum discussion	Visit to IEC bureau
IV	10		<p>MEASUREMENT AND EVALUATION</p> <ul style="list-style-type: none"> • Concept and nature of measurement and Evaluation, Meaning, Principles, purpose problems in evaluation and measurement. • Principles of Assessment- internal assessment external examination, advantages and disadvantages. • Criterion and norm referenced evaluation. <p>Evaluation Process Defining objectives for evaluation purposes. Relating evaluation procedures to objectives, formative, and summative evaluation, Characteristics of evaluation.</p>	Lecture cum discussion	Relate evaluation objectives
V	10	10	<p>STANDARDIZED AND NON STANDARDIZED TEST</p> <ul style="list-style-type: none"> • Meaning, characteristics, objectivity validity, reliability, usability, norms, construction of tests. • Essay, short answer questions and multiple-choice questions. • Rating scales, checklists, OSCE/OSPE (Objective structured clinical/practical examination) • Differential scales, and summated scales, Sociometry, anecdotal record, attitude scale, critical incident technique. • Question bank-preparation, validation, moderation by panel, utilization • Developing a system for maintaining Confidentiality 	Lecture cum discussion	Construct tests Reliability Validity



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Unit	Hours	Learning Objectives	Content	Teaching Learning	Assessment method
VI	5	5	ADMINISTRATION, SCORING AND REPORTING OF TESTS <ul style="list-style-type: none"> Administration a test, scoring, grading versus marks. Objective tests, scoring essay test, methods of scoring, item analysis 	Lecture cum discussion	Construct Tests
VII	10	6	STANDARDIZED TOOLS <ul style="list-style-type: none"> Test of intelligence aptitude, interest, personality, achievement, socioeconomic status scale, tests for special mental and physical ability and disabilities. 	Lecture cum discussion	Observe various tests – personality, aptitude & intelligence. Formulate an aptitude test.
VIII	5	20	NURSING EDUCATIONAL PROGRAMS <ul style="list-style-type: none"> Perspectives of nursing education: Global and national. Patterns of nursing education and training program in India. Non-university and university programs: ANM, GNM Basic B.Sc Nursing, Post certificate B.Sc. Nursing. M.Sc.(N), M.Phil and Ph.D. Post diploma program, nurse practitioner program 	Lecture cum discussion	Visit to nursing institutions. ANM, GNM, B.Sc, M.Sc.
IX	12	30	CONTINUING EDUCATION IN NURSING <ul style="list-style-type: none"> Concepts- Definition, importance, need scope, principles of adults learning, assessments of learning needs, priorities and resources. Program planning, implementation and evaluation, of continuing education programs. Research in continuing education. Distance education in nursing. 	Lecture cum discussion	Plan CNE programme & conduct
X	10	15	CURRICULUM DEVELOPMENT <ul style="list-style-type: none"> Definition, curriculum determinants, process & steps of curriculum development, Curriculum models types and framework. Formulation of philosophy, objectives, Mission statement. Selection and organization of learning experiences, Current trends in clinical learning experiences. 		



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Unit	Hours	Learning Objectives	Content	Teaching Learning	Assessment method
			<ul style="list-style-type: none"> Evaluation strategies, process of curriculum change, role of students, faculty, administrators. Equivalency of courses: transcripts, credit system 	Lecture cum discussion	Prepare the mission statement philosophy, educational objectives for a nursing education programme Formulate educational objectives for various lessons-eg. FON med/surg. Ng selected learning Experiences for a specific subject
XI	8	4	TEACHER PREPARATION <ul style="list-style-type: none"> Teacher – roles & responsibilities, function, Characteristics, competencies, qualities. Preparation of professional teacher Organizing professional aspects of teacher Organizing professional aspect of teacher preparation Programs Evaluation: self and peer Critical analysis of various programs of teacher education in India. 	Lecture cum discussion	Application of principles and maxims of teaching formulate question Analysis of ng education programme in Maharashtra / India.
XII	10	5	GUIDANCE AND COUNSELING <ul style="list-style-type: none"> Concept and principles of guidance and counseling. Guidance and counseling services: diagnostic and remedial. Coordination and organization of services. Techniques of counseling: Interview, case work and characteristics of counselor. Professional preparation and training for counseling. 	Lecture cum discussion	Role Play



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Unit	Hours	Learning Objectives	Content	Teaching Learning	Assessment method
XIII	15	10	ADMINISTRATION OF NURSING CURRICULUM <ul style="list-style-type: none"> • Role of curriculum coordinator-planning implementation and evaluation. • Evaluation of educational program in nursing course and program • Factor influencing faculty staff relationship and techniques of working together. • Concept of faculty supervisor (dual) position. • Curriculum research in nursing. • Different models of collaboration between education and service. 	Lecture cum discussion	Evaluate an educational programme <ul style="list-style-type: none"> ▪ Presentation
XIV	10		MANAGEMENT OF NURSING EDUCATIONAL INSTITUTIONS <ul style="list-style-type: none"> • Planning, organizing, staffing, budgeting, recruitment • Discipline, public relation • Performance appraisal, welfare services, library service, hostels 	Lecture cum discussion	Visit to educational Institutions Plan to set-up a SON/CON
XV	5	5	DEVELOPMENT AND MAINTANENCE OF STANDARD AND ACCREDITATION IN NURSING EDUCATIONAL PROGRAMS <ul style="list-style-type: none"> • Role of Indian Nursing Council, State Registration Nursing • Councils, Boards and University. • Role of Professional Association and unions. 	Lecture cum discussion	



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PLANNED ACTIVITIES:-

- Panel discussion / group presentation – Educational Psychology – Theories and laws learning and teaching, personality, Intelligence, Individual, Motivation, Group Dynamics
- Framing philosophy, aims and objectives of an educational Institution
- Lesson Planning
- Micro Teaching – 2
- Conduct Practice teaching using different teaching strategies – 10 (Classroom-5 Demonstration
- Construct a written objective type test for the lessons taken.
- Construct tests, administer and determine reliability and validity.
- Preparation and utilization of instructional aids using different media.
- Design a curriculum for a basic B.Sc Nursing Programme; Develop course plan, units plan, rotation plans, prepare cumulative records for students.
- Prepare rotation plan for clinical practice.
- Planning and organizing field visits.
- Plan, conduct and evaluate a continuing nursing education workshop.
- Annotated bibliography 10
- Critical evaluation of any nursing education program offered by selected institution.
- Educational visit – educational institutions – GNM, B.Sc., Diploma Course etc.
- Field Visits (INC/SNC) to get familiar with recognition/ registration process.
- Construct, administrator and evaluate tools (objective & essay type test, observation checklist, rating scale etc)
- Observe and practice application of various non-standardized tests (intelligence, aptitude, personality, Sociometry, physical and mental disabilities tests)
- Prepare aptitude test for entrance exams of B.Sc. nursing students.
- Prepare plan for evaluation of the students in the B.Sc. nursing programme.
- Visit to schools

METHODS OF TEACHING

- Lecture cum discussion
- Seminar / Presentation
- Project work
- Field Visits
- Workshop

METHODS OF EVALUATION

- Written Tests
- Classroom / Clinical teaching
- Presentation
- Written Assignments
- Project Work

EDUCATIONAL VISITS-

- Visit to the School
- Gifted children
- Slow Learner
- Mentally challenged
- Deaf & Dumb and visually handicapped
- IEC bureau
- State Nursing Council/ School of Nursing of Nursing



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BOOKS FOR REFERENCE

- 1) Aggrawal J.C. "Principles, methods & techniques of teaching", Vikas Publishing House Pvt Ltd, II Edn.
- 2) Basavanthappa B.T., "Nursing education", Jaypee brothers, Edn I 2005.
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- 4) George Kurian Aleyamma, "Principles of Curriculum Development and Evaluation", Vivekanandha Press 2002.
- 5) Bhatia, Kamala & BHATIA, B.D., Principles and methods of teaching, Doabra house, New Delhi, 1970.
- 6) Billing, Diane M & HALSTEAD, Judith A: Teaching in nursing: A guide for faculty, W.B. Saunders, Company, Philadelphia 1998.
- 7) Bloom, Benjamin S Ed, Taxonomy of educational objectives : cognitive domain I David Mckay CO. Inc. New York.1956.
- 8) DOABA guide
- 9) Fuszard, Barbara: Innovating teaching strategies in Nursing, Aspen Publisher Inc. Mary Land. 1989.
- 10) Gay L.R. Educational evaluation and measurement Competencies for analysis and application. Ed-2, Charles E.MERILL publishers Co.Columbus.1985.
- 11) Guilert. JJ, Educational Handbook for Health Personnel, World Health Organization, Geneva, 1982.
- 12) Guniee. Kathleen K; Teaching and Learning in Nursing, Macmillan, New York, 1978.
- 13) Joyce.B, etc, Models of teaching. Ed-4, Prentice Hall INC, Englewood Cliffs, New Jersey, 1986.
- 14) Keay, F E, A History of education in India and Pakistan, ED-4, Oxford University Press, London, 1964.
- 15) King, Immogene M, Curriculum and Instruction in Nursing, concepts and Process Appleton – Century crafts, Norwalk., Connecticut, 1986.
- 16) KrathwohL, David, R, etc, Taxonomy of educational objectives, Affected Domain I, David Mckay CO. Inc. New York.1956.
- 17) Mccloskey, Joanne C & GRACE, Helen K, Current issues in Nursing Publishing Company INC, New York 1995.
- 18) Modley, Doris M, Etc, Advancing Nursing Education world wide, Springer Publishing Co. New York, 1985.
- 19) Neeraja K.P. "Text Book of Nursing", Jaypee Brothers.
- 20) O, Connor, Andhera B; Nursing staff Development and continuing Education, Little Brown Company, Bonston 1986.
- 21) Sanotombi Elsa, "Manipal Manual of nursing Education", CBS Publisher & Distributors, New Delhi, 1st Edn 2006.
- 22) Supe, Rege, Bhuiyan, "The Art of Teaching Medical Students", Medical Education Technology Cell, 2nd edn, 2002.



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INTERNAL ASSESSMENT

THEORY

Total Marks 25

Sr.No.	Technique	Total Marks	Weightage %	Marks
1	Tests			
	First term	50	20	5.0
	Pre final	75	30	7.5
2	Seminar-	25	25	6.25
3	Critiquing*	25	25	6.25
	Total	175	100	25

* Nursing Course/ Committee reports/ National health programmes/ National Health Scheme

PRACTICALS

Sr.No.	Technique	Total Marks	Weightage %	Marks
1	Learning Resource material (Preparation)	25	10	5.0
2	Presentation on visit to Educational institutes	25	10	5.0
3	Practice teaching (Total 10)	500	20	10
4	Conduct workshop/short term course	25	10	5.0
5.	Planning of clinical experience	50	10	5.0
6	Preparation of master oration plan	10	10	5.0
7	Construction of non Standardized test	25	10	5.0
8.	Micro teaching	100	20	10
	Total	710	100	50

UNIVERSITY EXAMINATION

Theory

Internal Assessment	-	25 Marks
University Exam	-	75 Marks
Grand Total	-	100 Marks

Practical Exam

1. Practical Teaching -1	-	25
2. Preparation / use learning resource material – 1	-	10
3. Construction of tests / rotation plan	-	15
Total	-	50
Internal assessment	-	50
Grand Total	-	100



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NURSING EDUCATION

QUESTION PAPER

Marks :- 75

Time :- 3 Hours

SECTION A

Marks - 38

- Q.1) Write Short Answers on any 3 out of 4** 3 X 5 = 15 Marks
- a. 5 Marks
 - b. 5 Marks
 - c. 5 Marks
 - d. 5 Marks
- Q.2) Long Answers Questions** 15 Marks
- a. 2 Marks
 - b. 5 Marks
 - c. 8 Marks
- Q.3) Write explanatory notes on any 1 out of 3** 1 X 8 = 8 Marks
- a.
 - b.
 - c.

SECTION B

Marks - 37

- Q.1) Write Short Answers on any 3 out of 4** 3 X 5 = 15 Marks
- a. 5 Marks
 - b. 5 Marks
 - c. 5 Marks
 - d. 5 Marks
- Q.2) Long Answers Questions** 15 Marks
- a. 2 Marks
 - b. 5 Marks
 - c. 8 Marks
- Q.3) Write explanatory notes on any 1 out of 3** 1 X 7 = 7 Marks
- a.
 - b.
 - c.



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NURSING EDUCATION

SEMINAR/PRESENTATION EVALUATION CRITERIA

Name of the Student: - _____

Batch :- _____ Date:- _____

Topic:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content		
	Organization	1	
	Coverage	2	
	Use of current literature & research evidence	1	
	Appropriateness	1	
2	Presentation		
	Introduction	1	
	Coverage of subject content	2	
	Sequencing	1	
	Depth of knowledge	2	
	Integration of subject matter	1	
	Explanation & clarification	2	
	Time Management	1	
3	A V aids		
	Relevant, clear & visible	1	
	Creativity	1	
	Used effectively at the right time	1	
4	Speaker's qualities		
	Grooming	1	
	Modulation	1	
	Gestures & Mannerism	1	
5	Group Participation	2	
6	References	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & date

Signature of the student & date



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Subject:- _____ **Name of the Student: -** _____

Unit:- _____ **Date:-** _____

Topic:- _____

Name of the Guide:- _____

Time:- _____ **Venue:-** _____

Group:- _____ **Method of Teaching: -** _____

Audio visual aids:

Previous knowledge of the group:-

General objectives:-

Specific objectives:

Time	Specific objectives	Content	Teacher learning activity	Audio Visual aids	Evaluation (Wherever appropriate)
		<ul style="list-style-type: none"> • Introduction • Content • Summary • Recapitulation • Assignment • Conclusion • References 			

Black Board plan



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NURSING EDUCATION

PRACTICE TEACHING PERFORMA FOR EVALUATION

Name of the Student: - _____ Group _____

Topic:- _____ Place: _____

Name of the evaluator:- _____ Date & Time:- _____

Sr.No.	Criteria	Maximum Marks	Marks Obtained
1	LESSON PLAN · General objectives stated clearly · Specific objectives stated in behavioral terms · Lesson plan followed in sequence · Bibliography up to date and complete	10	
2	LEARNING ENVIRONMENT · Physical set up of classroom (seating) · Classroom light adequate, Well ventilated · Motivates student	5	
3	PRESENTATION · Coverage of subject content · Depth of knowledge · Integration of subject matter · Speech-clear, audible, well modulated. · Explanation and clarification	10	
4	USE OF AUDIO VISUAL AIDS · Relevant, clear and visible · Creativity · Used effectively at the right time	10	
5	QUESTIONING TECHNIQUE · Questioning equally addressed to all · Well worded questions, no ambiguity · Thought provoking questions · Sufficient time allowed for answering · Questions relevant and challenging	5	
6	GROUP PARTICIPATION	3	
7	ASSIGNMENT · Appropriate to the lesson, Clear · Motivating, Explained to the students · Feedback given to the students	2	
8	STUDENT TEACHER PERSONALITY · Appearance grooming, Confidence · Eye contact, Modulation, Mannerisms	5	
	TOTAL MARKS	50	

Remarks

Signature of the Evaluator/Guide with date

Signature of the student with date



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NURSING EDUCATION

EVALUATION CRITERIA-LEARNING RESOURCE MATERIAL/CRITIQUING

Name of the Student: - _____

Batch :- _____ Date:- _____

Topics:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr. No	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	10	
2	Organization	5	
3	Illustration	5	
4	Resources Used	5	
	Total Marks	25	

Remarks:-

Signature of the Supervisor with date

Signature of the student with date



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NURSING EDUCATION

**GUIDE LINES FOR PRESENTATION OF EDUCATIONAL INSTITUTION/ SCHOOL/
COLLEGE OF NURSING**

- Name of the Institution
- Type of the Institution
- Head of the Institution
- Organizational Chart
- Course conducted
- No. of Students per batch
- Male / Female reservations
- Budget
- Teaching /non Teaching Staff
- Blue print of the college building
- A V Aids
- No of books / Journals – Library facilities
- Laboratories
- Demonstration lab, equipments, models, space, furniture and other facilities.
- Nutrition lab
- MCH lab / Community health lab
- Museum



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NURSING EDUCATION

EVALUATION FOR PRESENTATION OF EDUCATIONAL INSTITUTION

Name of the Student: - _____

Batch:- _____ Date:- _____

Topic:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr. No.	Criteria	Marks Assigned	Marks Obtained
1	CONTENT	15	
2	PRESENTATION Introduction Converge of subject content Sequencing Depth of knowledge Explanation and clarification Time Limit	5	
3	USE OF AUDIO VISUAL AIDS · Relevant, clear and visible · Creativity · Used effectively at the right time	5	
	TOTAL	25	

Remarks:-

Signature of the Supervisor & date

Signature of the student & date



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NURSING EDUCATION

EVALUATION CRITERIA

MASTER ROTATION PLAN

Name of the Student: - _____

Batch: _____ Date: _____

Total Marks – 10

Marks obtained:- _____

Sr. No.	Criteria	Marks Assigned	Marks Obtained
1	Adequacy Placement Theory hours Practical hours Vacation Extra curricular	5	
2	Accuracy (following guidelines)	1	
3	Feasibility	1	
4	Self explanatory	2	
5	Neatness	1	
	TOTAL	10	

Remarks:-

Signature of the Supervisor & date

Signature of the student & date



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NURSING EDUCATION

EVALUATION CRITERIA FOR ORGANISING WORK SHOP

Name of the Student: - _____

Batch:- _____ Date:- _____

Theme of the workshop: _____ -

Total Marks – 25

Marks obtained:- _____

Sr. No.	Criteria	Marks Assigned	Marks Obtained
1	Planning		
	Aims & Objectives	2	
	Selection of resource	3	
	Delegation	2	
2	Brochure	3	
	Implementation		
	Organizing	3	
	Content matter	3	
	Presentation	3	
	Co-ordination	2	
	Use of resource	2	
3	Group participation	1	
	Evaluation	1	
	TOTAL	25	

Remarks:-

Signature of the Supervisor & date

Signature of the student & date



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NURSING EDUCATION

EVALUATION CRITERIA FOR PLANNING CLINICAL EXPERIENCE

Name of the Student: - _____

Batch:- _____ Date:- _____

Total Marks – 50

Marks obtained:- _____

Sr. No.	Criteria	Marks Assigned	Marks Obtained
1	Area of posting identified	5	
2	Framing educational objectives for each area	10	
3	Assignment plan of each area	10	
4	Clinical rotation plan	10	
5	Preparation of evaluation criteria for each assignment	15	
	TOTAL	50	

Remarks:-

Signature of the Supervisor & date

Signature of the student & date



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NURSING EDUCATION

GUIDELINES FOR CONSTRUCTION OF TEST

Steps

1) Planning for the test

Subject

Marks

Time

Type of examination

Topics

Difficulty Level

2) Designing the test

- a. Giving weight age to the content
- b. Giving weight age to the objectives
- c. Giving weight age to the form of questions
- d. Giving weight age to the difficulty level
- e. Scheme of sections
- f. Scheme of sections

3) Preparation of blue print

4) Writing of the items

5) Question wise analysis

6) Editing of questions paper

7) Answer Key



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NURSING EDUCATION

EVALUATION CRITERIA FOR TEST CONSTRUCTION

Name of the Student: - _____

Batch:- _____ Date:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:-

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Planning for the Test	1	
2	Designing the test a. Giving weight age to the content b. Giving weight age to the objectives c. Giving weight age to the form of questions d. Giving weight age to the difficulty level e. Scheme of options f. Scheme of sections	2 1 1 1 1 1	
3	Preparation of blue print	5	
4	Writing of the items	4	
5	Question wise analysis	4	
6	Editing of question paper	2	
7	Answer key	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & date

Signature of the student & date



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NURSING RESEARCH AND STATISTICS

Placement: - First year

**Hours of Instruction: - Theory:-150 Hrs
Practical: -100 Hrs
Total: - 240 Hrs**

Part A - Nursing Research

**Theory: - 100 Hrs
Practical:- 50 Hrs
Total:- 150 Hrs**

COURSE DESCRIPTION

This course is designed to assist students to acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research finding to improve quality of nursing practice, education and management.

General Objectives:

At the end of course, the students will be able to :

1. Define basic research terms and concept.
2. Review literature utilizing various sources
3. Describe research methodology
4. Develop a research study
5. Communicate research findings
6. Utilize research findings
7. Critically evaluate nursing research studies.
8. Write scientific paper for publication



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CONTENT OUTLINE

Unit	Hours		Course Content
	Theory	Practicals	
I	10		<p>Introduction:</p> <ul style="list-style-type: none"> • Methods of acquiring knowledge – problem solving and • Scientific method. • Research – Definition, Operation and Aims of scientific research, characteristics, purposes, kinds of Research • Inductive and deductive reasoning • Historical Evolution of research in nursing • Basic research terms • Scope of nursing research: areas, problems in nursing, role of research in nursing • health and social research • Concept of evidence based practice • Ethics in research • Research process, Significant criteria of good research
II	5	5	<p>Review of Literature:-</p> <ul style="list-style-type: none"> • Importance, purpose, sources, criteria for selection of resources and step in reviewing literature.
III	12		<p>Research Approach and design</p> <ul style="list-style-type: none"> • Importance, characteristics of good research design • Threats to internal and external validity. • Type: Qualitative and Quantitative Research • Observational studies like descriptive, explanatory and exploratory. • Experimental Studies: pretest design, post test design, follow up or longitudinal, cohort studies, case control studies, cross sectional studies, interventional studies, panel studies, mixed method. • Qualitative: Phenomenology, grounded theory, Ethnography
IV	10	5	<p>Research Problem:</p> <ul style="list-style-type: none"> • Identification of research problem • Formulation of problem statement and research objectives • Definition of terms: Variables, setting, population • Assumptions and delimitations • Identification of variables • Hypothesis – definition, formulation and types



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Unit	Hours		Course Content
	Theory	Practicals	
V	5	5	Development theoretical/conceptual framework <ul style="list-style-type: none"> Theories: Nature, characteristics, Purpose and uses Using, testing and developing conceptual framework, Models and theories. Importance of theory application
VI	6		Sampling <ul style="list-style-type: none"> Definition of terms: Population, sample and Sample size, sampling criteria Need and importance of sampling, central limit theorem Sampling theory, concept of standard error, Factors influencing sampling Sampling techniques, census and sampling survey. Implication of sampling design, characteristics of a good sampling design. Types: probability and non probability. Estimation of population mean, population proportion, sample size determination through the approach based on precision rate and confidence level. Problems of sampling.
VII	20	30	Tools and methods of Data collection <ul style="list-style-type: none"> Concepts of data collection, types of data Data sources, methods/techniques quantitative and Qualitative. Tools for data collection – types, characteristics and their development Test of sound measurement: Validity and reliability of tools Possible source of error in measurement Procedure for data collection
VIII	5		Implementing research plan <ul style="list-style-type: none"> Pilot study, review research plan (design), planning for data collection, administration of tool/interventions, collection of data
IX	10	10	Analysis and interpretation of data <ul style="list-style-type: none"> Plan for data analysis: quantitative and qualitative Preparing data for computer analysis and presentation. Statistical analysis Interpretation of data, techniques of interpretation Precaution in interpretation Conclusion and generalizations Summary and discussion



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Unit	Hours		Course Content
	Theory	Practicals	
X	10		Reporting and utilizing research <ul style="list-style-type: none">• Communication of research results; oral and written• Writing research report purposes, methods and style- Vancouver, American Psychological Association(APA),Campbell etc• Writing scientific articles for publication: layout of report and significance of report writing
XI	3	8	Critical analysis of research reports and articles
XII	4	7	Development and presenting a research proposal

ACTIVITIES:-

- Annotated Bibliography of research and articles.
- Review of literature of selected topics and reporting
- Formulation of problem statement, objective and hypothesis
- Developing theoretical/conceptual framework.
- Conducting validity and reliability tool
- Preparation of sample research tool
- Conducting validly and reliability of research tool
- Analysis and interpretation of given data
- Developing and presenting research proposal
- Journal club presentation
- Critical evaluation for selected research studies.
- Written a scientific paper

METHODS OF TEACHING

- Lecture cum discussion
- Presentations
- Project
- Classroom exercises
- Journal Club

METHODS OF EVALUATION

- Tests (term)
- Assignments
- Research Critiques
- Presentations – Presentation of related researches
- Project Work



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Part B – Statistics

Hours of Instruction

Theory : 50 Hrs

Practical : 50 Hrs

Total :100 Hrs

COURSE DESCRIPTION

At the end of the course, the students will be able to develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

General Objectives:

At the end of course, the students will be able to :

1. Explain the basic concepts related to statics.
2. Describe the scope of statistics in health and nursing
3. Organize tabulate and present data meaningfully.
4. Use descriptive and inferential statics to predict results.
5. Draw conclusions of the study and predict statistical significance of the results.
6. Describe vital health of the study and predict statistical significance of the results.
7. Use of statistical packages for data analysis.

CONTENT OUTLINE

Unit	Hours		Course Content
	Theory	Practicals	
I	7	4	Introduction: <ul style="list-style-type: none">• Concepts, types, significance and scope of statistics,• meaning of data, Type of data• sample, parameter• type and levels of data and their measurement• Organization and presentation of data – Tabulation of data;• Frequency distribution, relative frequency• Graphical and tabular presentations: bar charts, histograms, frequency polygons, one way scatter plots, box plots, two way scatter plots, line graphs.



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Unit	Hours		Course Content
	Theory	Practicals	
III	4	5	Measures of variability; <ul style="list-style-type: none"> • Range, Percentiles, average deviation, quartile deviation, standard deviation Percentile & percentile rank, Cumulative graph, curved ogive
IV	5	4	Normal Distribution: <ul style="list-style-type: none"> • Probability, characteristics and application of normal • Probability curve; sampling error. • Cumulative distribution, Cumulative graph,
V	6	8	Measures of relationship: <ul style="list-style-type: none"> • Correlation – need and meaning • Rank order correlation; • Scatter diagram method • Product moment correlation • Simple linear regression analysis and prediction.
VI	3	2	Designs and meaning: <ul style="list-style-type: none"> • Experimental designs • Comparison in pairs, randomized block design, Latin Squares.
VII	8	8	Significance of Statistic and Significance of difference between two Statistics (Testing hypothesis) <ul style="list-style-type: none"> • Non parametric test or distribution free test – Wilcoxon signed rank test, Mann Whitney U test, Kruskal walli's test, Friedman's test and spearman correlation test. • Chi-square test, Sign, median test, • Parametric test – 't' test, • Analysis of variance: one way ANOVA, two way ANOVA, ANOVA in Latin square two way design MANOVA,ANCOVA • Analysis of covariance: ANOCOVA, ANOCOVA Technique
VIII	5	5	Use of statistical methods in psychology and education: <ul style="list-style-type: none"> • Scaling – Z Score, Z Scaling • Standard Score and T Score • Reliability of test Scores: test-retest method, parallel forms, split half method.
IX	4	2	Application of statistics in health: <ul style="list-style-type: none"> • Measurement of population: rate, crude rate, specific rate. • Measurement of fertility: specific fertility rate, total fertility rate. • Reproductive rate: gross reproduction rate, net reproduction rate. • Measures related to mortality: crude death rate (CDR), age specific death rate, infant and child mortality rate. • Measures related to morbidity.



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Unit	Hours		Course Content
	Theory	Practicals	
IX	4	2	Application of statistics in health: <ul style="list-style-type: none"> • Measurement of population: rate, crude rate, specific rate. • Measurement of fertility: specific fertility rate, total fertility rate. • Reproductive rate: gross reproduction rate, net reproduction rate. • Measures related to mortality: crude death rate (CDR), age specific death rate, infant and child mortality rate. • Measures related to morbidity.
X	4	8	Use of Computers for data analysis <ul style="list-style-type: none"> • Use of computer in data analysis and research, use of software and introduction to SPSS. • Importing data from excel, access, tab and comma separated files. • Entering data, labeling a variable, coding and recording a categorical and continuous variable, converting a data from string to numerical variable, sorting, filtering, merging, appending data set. • Frequencies, descriptive statistics, cross tabulation. • diagrammatic presentation including Histogram, bar chart, pie chart, scatter diagram, box plot, line chart. • Parametric test of hypothesis- one sample, independent and paired sample t- test, one way ANOVA & post HOC Test. • Testing for normality, chi- square test with measures of association, Pearson correlation. • Non parametric tests.

ACTIVITIES:-

- Annotated Bibliography of research and articles.
- Review of literature of selected topics and reporting
- Formulation of problem statement, objective and hypothesis
- Developing theoretical/conceptual framework.
- Conducting validity and reliability tool
- Preparation of sample research tool
- Conducting validity and reliability of research tool

METHODS OF TEACHING

- Lecture cum discussion
- Demonstration – on data organization, tabulation, calculation of statistic, use of statistical package, classroom exercise, organization and tabulation of data
- Computing Descriptive and inferential statistics; vital and health statistics and use of computer for data entry and analysis using statistical package.

METHODS OF EVALUATION

- Tests (term), Classroom Statistical exercises.



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INTERNAL ASSESSMENT

THEORY

Sr.No.	Technique	Marks	Weightage %	Total Marks
1	Tests			
	First term			
	Research	30	} 20	5.0
	Statistics	20		
2	Prefinal			
	Research	50	} 30	7.5
	Statistics	25		
3	Project work-(Group –Statistics)	25	10	2.5
4	Assignment-critiquing of a research article	25	10	2.5
5	Presentation-Research study	25	20	5.0
6	Annotated bibliography (20)	25	10	2.5
	Total	225	100	25

UNIVERSITY EXAMINATION

Internal Assessment	-	25 Marks
University Exam	-	75 Marks
Grand Total	-	100Marks



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References:- for Nursing Research and Statistics

Text books:-

- 1) Basavanthappa B.T., "Nursing Research", Jaypee brothers, 2003.
- 2) Garrett, H.E. Statistics in Psychology & education. Vakild, Feffer and Samons, Bombay.
- 3) Mahajan, B.K. Methods in Biostatistics, Jaypee. 6th Edn 1999.
- 4) Rose Hott & Budin. Notter's Essentials of Nursing Research 5th edn Spinger Publisher, Newyork.1999
- 5) Patricial Nunhall. Nursing Research 3rd Edn James & Bar. 2001. Canada.
- 6) Caroly M.H. Research Methods for Clinical Therapists Applied project design and analysis second edn 1999. Churchill Livingstone.
- 7) P.K. Indrani, T.k. Research Methods for Nurses. Jayppe, 2005.
- 8) Clifford etal, Getting Research into Practice, Churchill Livingstone, New York, 2004.
- 9) Freshwater, D & Bishop, V, Nursing Research in Context, Palgrave Macmillan, New York 2004.
- 10) Macnee C L, Understanding Nursing Research: Reading & Using Research in Practice, Lippincott Williams, Wilinks, London 2004.
- 11) Polit, D.F. & Beck, C.T. Nursing Research Principles & Method, 7th Edn Lippincott Williams Wilinks, London 2004.
- 12) Burns & Grovo. Understanding Nursing Research 4th Edn. Elswrvier 2007.
- 13) Polit, Beck & P Hungler "Nursing Research Method, Appraisal & Utilization" 5th Edn Lippincott 2001
- 14) Specials & Carpenter Quantitative Research in Nursing Advancing the Hamanistic imperative 4th Edn Lippincott Williams 2007

Journals:-

- 1) Journal of nursing practice and research
- 2) Indian Journal of Medical ethics.



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FIRST YEAR M.Sc. NURSING

NURSING RESEARCH & STATISTICS

QUESTION PAPER

Marks :- 75

Time :- 3 Hours

SECTION A

Nursing Research Marks 50

Q.1) Long Answers

15 Marks

- a. 2 Marks
- b. 5 Marks
- c. 8 Marks

Q.2) Long Answers

15 Marks

- a. 2 Marks
- b. 5 Marks
- c. 8 Marks

Q.3) Write explanatory notes on any 4 out of 5

(4 X 5 = 20 Marks)

- a.
- b.
- c.
- d.
- e.

SECTION B

Statistics Marks 25

Q.1) Write Short Notes on any 2

(2 X 5 = 10 Marks)

- a.
- b.
- c.
- d.
- e.

Q.2) Problems Solve any 3 out of 4

(3 X 5 = 15 Marks)

- a.
- b.
- c.
- d.



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NURSING RESEARCH

EVALUATION CRITERIA-ANNOTATED BIBLIOGRAPHY

Name of the Student: - _____

Batch: - _____ **Date: -** _____

Topics:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr. No.	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	15	
2	Organization	5	
3	Illustration	5	
4	Resources Used	5	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & Date



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FIRST YEAR M.Sc. NURSING

NURSING RESEARCH

PRESENTATION EVALUATION CRITERIA

Name of the Student: - _____

Batch :- _____ Date:- _____

Topic:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content Organization Coverage Use of current literature & research evidence Appropriateness	 1 2 1 1	
2	Presentation Introduction Coverage of subject content Sequencing Depth of knowledge Integration of subject matter Explanation & clarification Time Management	 1 2 1 2 1 2 1	
3	A V aids Relevant, clear & visible Creativity Used effectively at the right time	 1 1 1	
4	Speaker's qualities Grooming Modulation Gestures & Mannerism	 1 1 1	
5	Group Participation	2	
6	References	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & Date



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FIRST YEAR M.Sc. NURSING -NURSING EDUCATION

NURSING RESEARCH AND STATISTICS

PRACTICAL EXPERIENCE GUIDELINE FOR NURSING RESEARCH:“PROJECT”

Guideline for research project

I Aim: Students will identify the role of nurse in conducting research, writing proposal based on scientific steps and will analyze the data using statistical methods while conducting research project.

II Objectives

- To identify research problem areas
- To get an opportunity to select topic or problem and to formulate research proposal.
- To follow the steps in plan specific design in nursing research proposal and conducting project.
- To differentiate and plan specific design in nursing research i.e. experimental and non-experimental including methodology.
- To get an opportunity to frame/construct simple tool or questionnaire to collect data.
- To follow the basic principles of data analysis including simple tables and statistical methods for proceedings and interpretation of data.
- To be familiar to write research report to communicate the findings including bibliography, and future recommendations.
- To present nursing research report as group activity.
- To present nursing research proposal as individual activity.
- Learns to use computers.
- Recognize role of Research in quality nursing care.

III Guide line/Check list to prepare/Nursing research proposal & project

- 1) *Selection of research problem:* Select your interested area of research based on flat need, issues and social concern in nursing field.
 - a) State the problem – brief concise, clear.
 - b) State the purpose of selected study & topic
 - c) State objective of study/proposal/project.
 - d) State the hypothesis if necessary (Optional)
 - e) Prepare conceptual framework based on operational definition (Optional).
 - f) Write scope and delimitation of Research Proposal.



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2) *Organizing for review of literature*

AIM a) It ass in to needs to conduct Research project

b) To Study related and relevant literature which help to decide conceptual framework and research design to be selected for your study.

c) To add specific books, bulletins, periodicals, reports, published dissertations, Encyclopedia, text books.

d) Organize literature as per operational definition.

e) To prepare summary table for review of literature.(Optional)

3) *Research Methodology*: To determine logical structure & methodology for research project

a) Decide and state approach of study i.e. experimental or non-experimental.

b) To define / find out variables to observe effects on decided items & procedure (Optional).

c) To prepare simple tool or questionnaire or observational check lost to collect data.

d) To determine sample and sampling method.

i) Mode of selection ii) Criteria iii) Size of sample iv) Plan When, Where and how data will be collected

e) To teat validity of constructed tool with experts/teachers opinion.

f) To check reliability by implementing tool before pilot study (10% of sample Size)

g) To conduct pilot study by using constructed tool for 10% selected sample size.

4) *Data Collection*: To implement prepared tool & to implement constructed tool

a) Decide location

b) Time

c) Write additional information in separate excise book to support inferences and Interpretation.

5) *Data analysis and processing presentation*

a) Use appropriate method of statistical analysis i.e. frequency and percentage.

b) Use clear frequency tables, appropriate tables, graphs, and figures.

c) Interpretation of data:

i) In relation to objectives

ii) Hypothesis (Optional)

iii) Variable of study or project (Optional)

iv) Writing concise report



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6) Writing Research Report

a) Aims:

- i) To organized materials to write project report
- ii) To make comprehensive full factual information
- iii) To use appropriate languages and style of writing
- iv) To make authorities documentation by checking, references & bibliography.
- v) To use computers.

b) Points to remember

- a) Develop thinking to write research report.
- b) Divide narration of nursing research report.
- c) Use present tense and active voice
- d) Minimize use of technical languages
- e) Use simple, straight forward, clear, concise languages
- f) Use visual aids in front of able, graph and figures
- g) Treat data confidentially
- h) Review, rewrite if necessary



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EVALUATION CRITERIA FOR PROJECT REPORT / DISSERTATION

Sr.No.	Criteria	Rating				
		1	2	3	4	5
I	Statement of the problem 1. Significance of the problem selected 2. Framing of title and objectives					
II	Literature Review 3. Inclusion of related studies on the topic, and its relevance					
III	4. Operational definition Research Design 5. Use of appropriate research design 6. Usefulness of the research design to draw the inferences among study variables / conclusion					
IV	Sampling design 7. Identification and description of the target population 8. Specification of the inclusion and exclusion criteria 9. Adequate sample size justifying the study design to draw conclusions.					
V	Data Collection Procedure 10. Preparation of appropriate tool 11. Pilot study including validity and reliability of tool 12. Use of appropriate procedure / method for data collection					
VI	13. Clear and logical organization of the findings Analysis of data & interpretation 14. Clear presentation of the tables (title, table & column heading)					
VII	15. Selection of appropriate statistical tests Ethical Aspects 16. Use of appropriate consent process 17. Use appropriate steps to maintain ethical aspects and principles (Physical harm etc.)					
VIII	Interpretation of the findings					
IX	18. Consistent and appropriate discussion of the findings					
X	Conclusion 19. Summary and recommendations for to nursing Practice/Education / Administration Presentation / Report Writing 20. Organization of the project work including languages and style of presentation.					
	Maximum Marks					
	Marks Obtained					

Remarks by the Supervisor / Guide



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FIRST YEAR M.Sc. NURSING

NURSING EDUCATION AND STATISTICS

GUIDELINES TO CRITIQUE RESEARCH STUDY

1. TITLE

- A good title suggesting key variants and the study population.

2. ABSTRACT

- Clear and consider summarizing the main features of the report (problem, methods, results and conclusion)

3. INTRODUCTION

➤ Statement of the problem

- The problem stated is unambiguous and easy to identify
- The problem has significance for nursing
- There is a good match between the research problem and the paradigm and methods used, An appropriate quantitative approach

➤ Hypotheses or research questions

- Research questions and / or hypotheses are explicitly stated, if not their absence should be justified
- Questions and hypotheses are appropriately worded, with clear specification of key variables and the study population
- The questions and hypotheses are consistent with the literature review and the conceptual framework.

➤ Literature review

- The literature review is up to date and based mainly on primary sources.
- The reviews provides the state of the art synthesis of evidence on the research problem
- The Literature review provided a solid basis for the new study
- Conceptual / theoretical framework
- Key concepts are adequately defined conceptually
- There is a conceptual theoretical frame work, rationale and / or map, and it is appropriate

4. METHOD

➤ Protection of participant's rights

- Appropriate procedures are used to safeguard the rights of the study participants and the study subject to external review.
- The study is designed to minimize the risks and maximize benefits to the participants

➤ Research design

- The most rigorous possible design to be used, given the purpose of the research
- Appropriate comparison are made to enhance
- internal and external validity of the study e.g.(is blinding used, is attrition minimized)

➤ Population and sample

- The Population is identified and described and the sample is described in sufficient details
- The best possible sampling design is used to enhance the sample's representativeness and the sample biases are minimized
- The sample size is adequate and a power analysis is used to estimate the sample size needs



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➤ **Data Collection and measurement**

- The operational and conceptual definitions are congruent
- Key variables are operationalized using the best possible method e.g.(interviews, observations) with adequate justification
- The specific instruments are adequately described and they are good choices given the study purpose and study population
- The report provides evidence that the data collection methods yield data that high on reliability and validity

➤ **Procedures**

- The intervention if present is adequately described and is properly implemented. The participants allocated to the group actually receive the intervention
- The data is collected in a manner that is minimizes bias. The staff who collects the data is well trained

5. RESULTS

Data Analysis

- Analysis is undertaken to address each research question or test each hypothesis
- Appropriate statistical methods is used, given the level of the measurements of the variable, number of group being compared and so on.
- Type I and Type II errors are avoided or minimized

➤ **Findings**

- The findings are adequately summarized with good use of tables and figures.
- Findings are reported in a manner that facilitates a meta analysis, and with sufficient information needed for evidence based practice

6. Discussion

➤ **Interpretation of the findings**

- All major findings are interpreted and discussed within the prior research and or the study's conceptual framework
- The interpretations are consistent with the results and with study's limitations
- The report address the issue of generalizability of the findings

7. Global Issues

➤ **Presentation**

- The report is well written, well organized and sufficiently detailed for critical analysis
- The report is written in a manner that makes the findings accessible to practicing nurses

➤ **Researcher credibility**

- The researchers clinical, substantive, or methodological qualifications and experience enhance confidence in their findings and their interpretation

➤ **Summery assessment**

- The study findings appear to be valid, despite any identified limitations. There is confidence in the truth value of the results
- The study contributes meaningful evidence that can be used in nursing practice or that is useful to the nursing discipline.



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FIRST YEAR M.Sc. NURSING

NURSING EDUCATION AND STATISTICS

EVALUATION CRITERIA CRITIQUING RESEARCH STUDY

Name of the Student: _____

Batch:- _____ Date:- _____

Topic: _____

Name of the Supervisor: _____

Total Marks – 25

Marks obtained:- _____

Sr. No	Content	Marks Assigned	Marks Obtained
1	TITLE	1	
2	ABSTRACT	1	
3	INTRODUCTION Statement of the problem Hypotheses or research questions Literature review Conceptual/ theoretical framework	2 2 2 2	
4	METHODOLOGY Following ethical principles Research design Population and sampling Data collection and measurement Procedure Validity, reliability & pilot study	1 2 1 1 2	
5	RESULTS Data Analysis Findings	2 2	
6	Discussion Interpretation of the findings Implications / recommendations	2 2	
	Total	25	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & Date



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FIRST YEAR M.Sc. NURSING

CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

Placement: 1st Year

Hours of instruction

Theory : -150 Hours

Practical: - 650 Hours

Total: - 800 Hours

Course Description

This course is common for the students undergoing clinical specialty-II in neuro science nursing/cardiovascular & thoracic nursing/critical care nursing/oncology nursing/orthopedic and rehabilitation nursing/nephro & urology nursing, gastroenterology nursing/ geriatric nursing.

It is designed to assist students in developing expertise and in depth knowledge in the field of medical Surgical Nursing. It will help students to appreciate the patient as a holistic individual and develop skill to function as a specialized Medical-Surgical Nurse. It will further enable the student to function as educator, manager and researcher in the field of Medical – Surgical Nursing.

Objectives

At the end of the course the students will be able to:

1. Appreciate the trends & issues in the field of Medical – Surgical Nursing as a specialty.
2. Apply concepts & theories related to health promotion.
3. Appreciate the client as a holistic individual.
4. Perform physical, psychosocial assessment of Medical – Surgical patients.
5. Apply Nursing process in providing care to patients.
6. Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
7. Recognize and manage emergencies with Medical- Surgical patients.
8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
9. Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing.
10. Prepare a design for layout and management of Medical – Surgical Units.
11. Appreciate the role of alternative systems of Medicine in care of patients.
12. Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing.
13. Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team.
14. Teach Medical – Surgical nursing to undergraduate nursing students & in-service nurses.



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COURSE CONTENT

UNIT	HOURS	CONTENT
I	5	<p>Introduction:</p> <ul style="list-style-type: none"> • Historical development of Medical- Surgical Nursing in India. • Current status of health and disease burden in India. Current concept of health. • Trends & issues in Medical – Surgical Nursing. • Ethical & cultural issues in Medical – Surgical Nursing Rights of patients. • National health policy, special laws & ordinances relating to older people. • National goals and Five year plans. • National health programs related to adult health.
II	20	<p>Health Assessment of patients</p> <ul style="list-style-type: none"> • History taking. • Physical examination of various systems. • Nutritional assessment. • Related investigations and diagnostic assessment.
III	5	<p>Care in hospital settings:</p> <ul style="list-style-type: none"> • Ambulatory care. • Acute and Critical care, Long term care, Home Health Care. • Characteristics, care models, practice settings, interdisciplinary team. • Hospitalization- effects of hospitalization on the patient & family. • Stressors & reactions related to disease process. • Nursing care using Nursing process approach.
IV	10	<p>Management of patients with disorders of Gastro intestinal tract</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Common Disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Related research studies. • Evidence based nursing practice. • Rehabilitation and follow-up.
V	10	<p>Management of patients with disorders of nervous system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Related research studies. • Evidence based nursing practice. • Rehabilitation and follow-up.



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UNIT	HOURS	CONTENT
VI	10	Management of patients with disorders of respiratory system <ul style="list-style-type: none">• Review of anatomy and physiology.• Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis• Health assessment-History taking, physical examination, investigation and diagnostic assessment.• Treatment modalities and trends.• Nursing management.• Related research studies.• Evidence based nursing practice.• Rehabilitation and follow-up.
VII	10	Management of patients with disorders of cardio vascular system <ul style="list-style-type: none">• Review of anatomy and physiology.• Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.• Health assessment-History taking, physical examination, investigation and diagnostic assessment.• Treatment modalities and trends.• Nursing management.• Related research studies.• Evidence based nursing practice.• Rehabilitation and follow-up.
VIII	5	Management of patients with disorders of blood <ul style="list-style-type: none">• Review of anatomy and physiology.• Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.• Health assessment-History taking, physical examination, investigation and diagnostic assessment.• Treatment modalities and trends.• Nursing management.• Related research studies• Evidence based nursing practice• Rehabilitation and follow-up
IX	10	Management of patients with disorders of genito urinary system <ul style="list-style-type: none">• Review of anatomy and physiology.• Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis.• Health assessment-History taking, physical examination, investigation and diagnostic assessment.• Treatment modalities and trends.• Nursing management• Related research studies• Evidence based nursing practice.• Rehabilitation and follow-up.



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UNIT	HOURS	CONTENT
X	10	<p>Management of patients with disorders of endocrine system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Related research studies. • Evidence based nursing practice. • Rehabilitation and follow-up.
XI	10	<p>Management of patients with disorders of musculo-skeletal system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Related research studies. • Evidence based nursing practice. • Rehabilitation and follow-up.
XII	10	<p>Management of patients with disorders of Integumentary system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Related research studies. • Evidence based nursing practice. • Rehabilitation and follow-up.
XIII	5	<p>Management of patients with disorder of Eye and ENT</p> <ul style="list-style-type: none"> • Review of anatomy and physiology • Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Related research studies. • Evidence based nursing practice. • Rehabilitation and follow-up.



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UNIT	HOURS	CONTENT
XIV	8	<p>Management of patients with disorders of reproductive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology. • Common Disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing management. • Related research studies. • Evidence based nursing practice. • Rehabilitation and follow-up.
XV	8	<p>Geriatric nursing</p> <ul style="list-style-type: none"> • Nursing Assessment-History and Physical assessment. • Ageing; Demography; Myths and realities. • Concepts and theories of ageing. • Cognitive Aspects of Ageing. • Normal biological ageing. • Age related body systems changes. • Psychosocial Aspects of Aging. • Medications and elderly. • Stress & coping in older adults. • Common Health Problems & Nursing Management; • Psychosocial and Sexual. • Abuse of elderly. • Role of nurse for care of elderly: ambulation, nutritional, communicational, psychosocial and spiritual. • Role of nurse for caregivers of elderly. • Role of family and formal and non formal caregivers. • Use of aids and prosthesis (hearing aids, dentures) • Legal & Ethical Issues. • Provisions and Programmes for elderly; privileges, Community Programs and health services; • Home and institutional care. • Issues, problems and trends.
XVI	8	<p>Management of patients with communicable & sexually transmitted diseases:</p> <ul style="list-style-type: none"> • Review of immune system. • Common Disorders of immune system – HIV/AIDS. Review of infectious disease process. • Communicable Diseases- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. Treatment modalities and trends. • Nursing management. Related research studies. Evidence based nursing practice. Rehabilitation and follow-up.



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UNIT	HOURS	CONTENT
XVII	8	Emergency, trauma and multi-system organ failure <ul style="list-style-type: none">• DIC (disseminated intravascular coagulation) Trauma, burns, poisoning• Etiology, Pathophysiology, Clinical manifestations, complications, prognosis.• Health assessment-History taking, physical examination, investigation and diagnostic assessment.• Treatment modalities and trends.• Nursing management.• Related research studies.• Evidence based nursing practice.• Rehabilitation and follow-up.

PRACTICALS

Total Hours Prescribed= 650 Hours

Sr. No.	Department/Unit	No. of Hours
1	General Medical Ward	120
2	General Surgical Ward	120
3	ICU	120
4	Oncology	50
5	Ortho	60
6	Cardiology	60
7	Emergency Department	60
8	Neuro	60
	TOTAL	650

Student Activities:

- Clinical presentations
- History taking
- Health Assessment
- Nutritional Assessment
- Health Education related to disease conditions
- Case studies
- Project work
- Field visits



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REFERENCES

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4. MANN, RUSSELL, WILLAMS, Bailey & Love's short practice of Surgery.
5. Potter & Perry Fundamental of Nursing, Elsevier.
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9. Gulanic, Klopp, Galnes Fetal Nursing care plans nursing diagnosis and intervention.
10. Lewia, Collier & Heitkemper Medical Surgical Nursing assessment and management of clinical Problem



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INTERNAL ASSESSMENT

THEORY			Total Marks 25	
Sr. No.	Technique	Total Marks	Weightage %	Marks
1	Tests			
	First term	50	20	5.0
	Prefinal	75	30	7.5
2	Seminar-(2)	2x25=50	2x15=30	7.5
3	Term Paper	50	20	5.0
	Total	225	100	25

UNIVERSITY EXAMINATION (Theory)

Internal Assessment	-	25 Marks
University Exam	-	75 Marks
Grand Total	-	100 Marks

PRACTICAL

Sr.No.	Technique	Total Marks	Weightage %	Marks
1	Examination -		25	25
	Mid Term	100	25	25
2	Prefinal	100		
	Assignments-			
	• Care Plan (4)	4x25=100	4x2.5=10	10
	• Case Presentation(2)	2x50=100	2x5=10	10
	• Clinical Teaching (2)	2x25=50	2x2.5=5	5
	• Clinical Evaluation (2)	2x100=200	2x10=20	20
	• Preparation & use of Comprehensive patient assessment (2)	2x25=50	2x2.5=5	5
	Total	700	100	100

UNIVERSITY EXAMINATION (Practical)

Internal Assessment	-	100 Marks
University Exam	-	100 Marks
Grand Total	-	200 Marks

Division of marks for practical Exams (Internal and External examiners)

ITEMS	INTERNAL	EXTERNAL	TOTAL MARKS
Nursing Process	20	20	40
Patient care evaluation	20	20	40
Viva (patient, drug, Investigation, recent trends, development etc.)	10	10	20
Marks	50	50	100



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FIRST YEAR M.Sc. NURSING

MEDICAL SURGICAL NURSING

QUESTION PAPER

Marks :- 75

Time :- 3 Hours

SECTION A

Marks 38

Q.1) Write Short Answers on any 3 out of 4

3 X 5 = 15 Marks

- a. 5 Marks
- b. 5 Marks
- c. 5 Marks
- d. 5 Marks

Q.2) Long Answers Questions

15 Marks

- a. 2 Marks
- b. 5 Marks
- c. 8 Marks

Q.3) Write explanatory notes on any 1 out of 3

1 X 8 = 8 Marks

- a.
- b.
- c.

SECTION B

Marks 37

Q.1) Write Short Answers on any 3 out of 4

3 X 5 = 15 Marks

- a. 5 Marks
- b. 5 Marks
- c. 5 Marks
- d. 5 Marks

Q.2) Long Answers Questions

15 Marks

- a. 2 Marks
- b. 5 Marks
- c. 8 Marks

Q.3) Write explanatory notes on any 1 out of 3

1 X 7 = 7 Marks

- a.
- b.
- c.



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FIRST YEAR M.Sc. NURSING

CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

SEMINAR EVALUATION CRITERIA

Name of the Student: - _____

Batch :- _____ Date:- _____

Topic:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content		
	Organization	1	
	Coverage	2	
	Use of current literature & research evidence	1	
	Appropriateness	1	
2	Presentation		
	Introduction	1	
	Coverage of subject content	2	
	Sequencing	1	
	Depth of knowledge	2	
	Integration of subject matter	1	
	Explanation & clarification	2	
	Time Management	1	
3	A V aids		
	Relevant, clear & visible	1	
	Creativity	1	
	Used effectively at the right time	1	
4	Speaker's qualities		
	Grooming	1	
	Modulation	1	
	Gestures & Mannerism	1	
5	Group Participation	2	
6	References	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & Date



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FIRST YEAR M.Sc. NURSING

CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

PROFORMA & GUIDELINES FOR CASE PRESENTATION

I Patent Biodata

Name, Age, Sex Religion, Marital status, Occupation, Source of health care, Date of admission, Provisional Diagnosis, Date of surgery if any.

II Presenting complaints

Describe the complaints with which the patient has been brought to the hospital

III Socio-economic status of the family:

Monthly income, expenditure on health, food, education etc.

IV History of Illness (Medical & Surgical)

- i) History of present illness – onset, symptoms, duration, precipitating/ aggravating factors
- ii) History of past illness surgery, allergies, medications etc.
- iii) Family history – Family tree, history of illness in the family members, risk factors congenital problem, psychological problem etc.

V Diagnosis (Provisional & Confirmed)

Description of disease: Includes the followings

1. Definition
2. Etiology & risk factors
3. Pathophysiology
4. Clinical features.

VI Physical Examination of Patient (Date & Time)

Physical examination: with date and time.

Clinical features present in the book Present in the Patient

VII Investigations

Date	Investigation done	Results	Normal Value	Interfaces



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VIII Management – (Medical / Surgical)

Aims of management

Medical or Surgical Management

Pharmacological Management

Sr.No.	Name of the drug	Dose	Route	Action	Side effects	Nurse Responsibility

IX Nursing Management (Including diet Plan, Health Education, Discharge planning)

Nursing care plan based on Nursing Theory

Nurses notes

X Summary of the case & Conclusion-

XI References



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FIRST YEAR M.Sc. NURSING

**CLINICAL SPECIALITY – I MEDICAL SURGICAL
EVALUATION CRITERIA FOR CASE PRESENTATION**

Name of the Student: - _____

Area:- _____ Patient Name :- _____

Diagnosis:- _____

Name of the Supervisor:- _____

Total Marks – 50

Marks obtained:- _____

Sr.No.	Criteria	Marks Allotted	Marks Obtained
1	Content Subjective & objective data	8	
2	Problems & needs identified & Nursing Care Plan	15	
3	Effectiveness of presentation	5	
4	Co-relation with patient & Book (research evidence)	10	
5	Use of A V aids	5	
6	References	2	
7	Group Participation	3	
8	Bibliography & References	2	
	Total Marks	50	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & date



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FIRST YEAR M.Sc. NURSING

CLINICAL SPECIALITY – I MEDICAL SURGICAL

CLINICAL EVALUATION: COMPREHENSIVE NURSING CARE

(Maximum Marks – 100 each area)

Name of the Student: - _____

Duration of Experience: - _____ Year :- _____

Total Marks obtained _____

Sr.No.	Criteria	Rating				
		1	2	3	4	5
I	UNDERSTANDING PATIENT AS PERSON A. Approach 1. Rapport with patient/family members B. Understanding of patients health problems. 1. Knowledge about disease condition. 2. Knowledge about investigations. 3. Knowledge about treatment including diet. 4. Knowledge about progress of the patient.					
II	NURSING CARE PLAN 1. History taking – Past & present health and illness. 2. Specific observation of the patient. 3. Identification of all problems in the patient/family. 4. Prioritization & implantation of the plans. 5. Evaluation of the care given & re-planning					
III	TECHNICAL SKILL 1. Economical & safe adaptation to the situation & available facilities. 2. Implements the procedure with skill speed & completeness.					
IV	RECORDING & REPORTING 1. Prompt, precise, accurate & relevant. 2. Maintenance of clinical experience file.					
V	HEALTH TEACHING 1. Incidental / planned teaching with principles of teaching & learning					
VI	SUPERVISORY RESPONSIBILITIES 1. Supervision of students 2. Supervision subordinate staff 3. Supervision of ward					
VII	Personality 1. Professional appearance (uniform, dignity, tactfulness interpersonal relationship, punctuality etc. 2. Sincerity, honesty & Sense of responsibility					
	Total Marks					

Remarks:-

Signature of the Supervisor & Date

Signature of the student & date



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FIRST YEAR M.Sc. NURSING

**CLINICAL SPECIALITY – I MEDICAL SURGICAL
EVALUATION CRITERIA FOR CASE PRESENTATION**

Name of the Student: -

Patient Name :- _____ Diagnosis:-

Name of the Supervisor:-

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Elicits relevant history	3	
2	Make quick and valid physical assessment	4	
3	Identification problems / needs	2	
4	Formulates nursing diagnosis	4	
5	Prioritizes the nursing diagnosis	2	
6	Plan care according to priority	2	
7	List the outcome criteria	1	
8	Implements care for priority needs	2	
	Applies scientific principles	2	
	Practices economy of time, money & material	1	
	Manual dexterity		
9	Evaluates the care (based on nurse notes, report, records patients and relatives response)	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & date



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FIRST YEAR M.Sc. NURSING

CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

TERM PAPER - EVALUATION CRITERIA

Name of the Student: - _____

Batch :- _____ Date:- _____

Topics:- _____

Name of the Supervisor:- _____

Total Marks – 50

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	20	
2	Organisation	5	
3	Illustration	20	
4	Resources Used	5	
	Total Marks	50	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & date



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CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

EVALUATION CRITERIA – COMPREHENSIVE PATIENT ASSESSMENT TOOL

Name of the Student: - _____

Batch :- _____ Date:- _____

Topics:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	10	
2	Organisation	5	
3	Illustration	5	
4	Resources Used	5	
	Total Marks	25	

Remarks:-

Signature of the Supervisor & Date

Signature of the student & date



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COURSE OUTLINE
FOR
II YEAR M.Sc. NURSING



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NURSING MANAGEMENT

Placement : II Year

Hours of Instruction

Theory:- 150 Hours

Practical:- 150 Hours

Total :- 300 Hours

Course Description

This course is designed to assist students to develop a broad understanding of Principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services.

Objectives

At the end of the course, students will be able to:

1. Describe the philosophy and objectives of the health care institutions at various levels.
2. Identify trends and issues in nursing
3. Discuss the public administration, health care administration vis a vis nursing administration
4. Describe the principles of administration applied to nursing
5. Explain the organization of health and nursing services at the various levels/institutions.
6. Collaborate and co-ordinate with various agencies by using multi-sectoral approach
7. Discuss the planning, supervision and management of nursing workforce for various health care settings.
8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care
9. Identify and analyse legal and ethical issues in nursing administration
10. Describe the process of quality assurance in nursing services.
11. Demonstrate leadership in nursing at various levels



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COURSE CONTENT

UNIT	HOURS	Course Content
I	10	<p>Introduction</p> <ul style="list-style-type: none"> • Philosophy, purpose, elements, principles and scope of administration • Indian Constitution, Indian Administrative system vis a vis health care delivery system: National, State and Local Organization and functions of nursing services and education at National, State, District and institutions: Hospital and Community • Planning process: Five year plans, Various Committee Reports on health, State and National Health policies, national population policy, national policy on AYUSH and plans,
II	10	<p>Management</p> <ul style="list-style-type: none"> • Functions of administration Planning and control • Co-ordination and delegation • Decision making – decentralization basic goals of decentralization. • Concept of management <p>Nursing management</p> <ul style="list-style-type: none"> • Concept, types, principles and techniques • Vision and Mission Statements • Philosophy, aims and objective • Current trends and issues in Nursing Administration • Theories and models • Application to nursing service and education
III	15	<p>Planning</p> <ul style="list-style-type: none"> • Planning process: Concept, Principles, Institutional policies • Mission, philosophy, objectives, Strategic planning • Operational plans • Management plans • Programme evaluation and review technique(PERT), Gantt chart, Management by objectives(MBO) • Planning new venture • Planning for change • Innovations in nursing • Application to nursing service and education
IV	15	<p>Organization</p> <ul style="list-style-type: none"> • Concept, principles, objectives, Types and theories, Minimum requirements for organization, Developing an organizational Structure, levels, organizational Effectiveness and organizational Climate, • Organising nursing services and patient care: Methods



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		<p>of patient assignment - Advantages and disadvantages, primary nursing care,</p> <ul style="list-style-type: none"> • Planning and Organizing: hospital, unit and ancillary services (specifically central sterile supply department, laundry, kitchen, laboratory services, emergency etc) • Disaster management: plan, resources, drill, etc • Application to nursing service and education
V	15	<p>Human Resource for health</p> <ul style="list-style-type: none"> • Staffing • Philosophy • Norms: Staff inspection unit (SIU), Bajaj Committee • , High power committee, Indian nursing council (INC) • Estimation of nursing staff requirement- activity analysis • Various research studies • Recruitment: credentialing, selection, placement, promotion • Retention • Personnel policies • Termination • Staff development programme • Duties and responsibilities of various category of nursing personnel • Applications to nursing service and education
VI	15	<p>Directing</p> <ul style="list-style-type: none"> • Roles and functions • Motivation: Intrinsic, extrinsic, Creating motivating climate, • Motivational theories • Communication: process, types, strategies, Interpersonal communication, channels, barriers, problems, Confidentiality, • Public relations • Delegation; common delegation errors • Managing conflict: process, management, negotiation, consensus • Collective bargaining: health care labour laws, unions, professional associations, role of nurse manager • Occupational health and safety • Applications to nursing service and education



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VII	10	<p>Material management</p> <ul style="list-style-type: none"> • Concepts, principles and procedures • Planning and procurement procedures : Specifications ABC analysis, • VED (very important and essential daily use) analysis • Planning equipments and supplies for nursing care: unit and hospital • Inventory control • Condemnation • Applications to nursing service and education
VIII	15	<p>Controlling</p> <ul style="list-style-type: none"> • Quality assurance – Continuous Quality Improvement <ul style="list-style-type: none"> • Standards • Models • Nursing audit • Performance appraisal: Tools, confidential reports, formats, • Management, interviews • Supervision and management: concepts and principles Discipline: service rules, self discipline, constructive versus destructive discipline, problem employees, disciplinary proceedings- enquiry etc • Self evaluation or peer evaluation, patient satisfaction, utilization review • Applications to nursing service and education
IX	15	<p>Fiscal planning</p> <ul style="list-style-type: none"> • Steps Plan and non-plan, zero budgeting, mid-term appraisal, capital and revenue • Budget estimate, revised estimate, performance budget • Audit • Cost effectiveness • Cost accounting • Critical pathways • Health care reforms Health economics • Health insurance • Budgeting for various units and levels • Applications to nursing service and education
X	10	<p>Nursing informatics</p> <ul style="list-style-type: none"> • Trends • General purpose • Use of computers in hospital and community • Patient record system Nursing records and reports • Management information and evaluation system (MIES)

Resolution No. 3.21 of Academic Council (AC-50/2024): Resolved to approve the inclusion of the Topic “Legal & Ethical Issues” in Unit X: Nursing Informatics of the Course “Nursing Management” in Second Year M.Sc. Nursing Program to be implemented from the batch admitted in Academic Year 2024-2025 onwards. [ANNEXURE -15]



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		<ul style="list-style-type: none"> • E- nursing, Telemedicine, telenursing • Electronic medical records • Legal & Ethical Issues
XI	10	Leadership <ul style="list-style-type: none"> • Concepts, Types, Theories • Styles Manager behavior • Leader behavior Effective leader: Characteristics, skills • Group dynamics Power and politics lobbying • Critical thinking and decision making • Stress management • Applications to nursing service and education
XII	10	Legal and ethical issues Laws and ethics <ul style="list-style-type: none"> • Ethical committee • Code of ethics and professional conduct • Legal system: Types of law, tort law, and liabilities • Legal issues in nursing: negligence, malpractice, invasion of privacy, defamation of character • Patient care issues, management issues, employment issues Medico legal issues • Nursing regulatory mechanisms: licensure, renewal, accreditation • Patients rights, Consumer protection act(CPA) • Rights of special groups: children, women, HIV, handicap, ageing • Professional responsibility and accountability • Infection control • Standard safety measures

PRACTICALS

Sr. No.	Dept./Unit	Total Hours
1	Hospital administration –Account section, CSSD, Dietary Dept, Waste treatment Unit, Central Store	20 Hours
2	Nursing service administration – Officer of nursing superintendent, Department in Charge	50 Hours
3	Nursing school administration office of Principal of School/College of Nursing	20 Hours
4	Visits	60 Hours
	Total	150 Hours



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ACTIVITIES :-

1. Prepare prototype personal files for staff nurses, faculty and cumulative records
2. Preparation of budget estimate, Revised estimate and performance budget
3. Plan and conduct staff development programme
4. Preparation of Organization Chart
5. Developing nursing standards/protocols for various units
6. Design a layout plan for speciality units /hospital, community and educational institutions
7. Preparation of job description of various categories of nursing personnel
8. Prepare a list of equipments and supplies for speciality units
9. Assess and prepare staffing requirement for hospitals, community and educational institutions
10. Plan of action for recruitment process
11. Prepare a vision and mission statement for hospital, community and educational institutions
12. Prepare a plan of action for performance appraisal
13. Identify the problems of the speciality units and develop plan of action by using problem solving approach
14. Plan a duty roster for speciality units/hospital, community and educational institutions
15. Prepare: anecdotes, incident reports, day and night reports, handing and taking over reports, enquiry reports, nurses notes, Official letters, curriculum vitae, presentations etc
16. Prepare a plan for disaster management
17. Group work
18. Field appraisal report
19. Supervision of subordinates / Students
20. Clinical teaching for staff and students
21. Assist for condemnation procedures
22. Preparation of advertisement

ASSIGNMENT

- Seminar
- Module Preparation (staff development programme)
- Job Description for various category of staff
- Cumulative reword
- Evaluation Performa
- Personal Appraisal for various category of staff
- Recruitment process
- Observational Study Report Preparation
- Head quarters of administrative offers Reputed hospitals, Nursing council
- Any Industry
- WHO Office
- Health & Family Welfare Bureau



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METHODS OF TEACHING

- Lecture cum discussion
- Demonstration
- Seminar
- Debate
- Exposure to Scientific Conference
- Field Visits

METHODS OF EVALUATION

- Tests
- Presentation
- Seminar
- Assignment

BIBLIOGRAPHY & REFERENCE:-

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2. Chatterjee S.S. An introduction to management, word press.
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5. Finer, H. Administration and the Nursing Services, Mac Millan.
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8. Goddard H.A., "Principles of Administration applied to Nursing" Macmillan.
9. Owen, Joseph, Karlton, "Modern Concepts of Hospital Administration", 14 W.B. Saunders Co. Philadelphia and London.
10. Stoner and Freeman, management, 4th edition, 1989, Prantice Hall, India.
11. V.L.S. Rao and Narayan, Principles and Practice of Management, Konark publishers 1994.
12. B.T. Basvanthapa, text book of administration, Jaypee Publishers 1st edn, J.P. Brothers Medical Publishers : New Delhi, 2000
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14. Goel, S & Kumar, R. Hospital Administration and management 1st edn, Deep & Deep Publication; New Delhi, 2000.
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17. Pai, Pragna. Effective Hospital Management, 1st edn, The National Book Depot: Mumbai, 2002.
18. Srinivasan, A.V. Managing a Modern Hospital, 1st edn, Sage Publications : New Delhi, 2002.
19. Park and Parks Textbook of Preventive and Social Medicine, 17th edn, M/S Banarsidas Bhanot Publishers: Jabalpur, 2003.
20. Russels, C.S. Management & Leadership for Nurse Manager, 3rd edn, Jones Barlett Publishers; London, 2002
21. Francis, E.M. & Desouza, Mario. Hospital Administration, IIIrd Edn, Jaypee Brothers Medical Publishers: New Delhi, 2000.
22. Goddard, H.A. Principles of Administration applied to Nursing Practice, WHO: Geneva, 1966.
23. Hersey, P, Blanchard, H.K. & Johnson, E.D. Management of organizational Behaviour, Person Education India Branch: New Delhi 2002.

List of Journals Recommended

1. Registered Nurses
2. Nursing Times
3. Nursing Journal of India
4. Nurses of India
5. Indian Journal of administration
6. Indian Journal of Holistic Nursing
7. Journal of Nursing Practice and Research
8. Journal of advance nursing practice
9. Herald of Health
10. Health screen
11. Health action



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INTERNAL ASSESSMENT

THEORY

Total Marks 25

Sr.No.	Technique	Total Marks	Weightage %	Marks
1	Tests			
	First term	50	20	5
	Prefinal	75	30	7.5
2	Seminar (2)	2x25=50	20	5
3	Performance Appraisal tool for various categories	25	10	2.5
4	Duty roster for staff	25	10	2.5
5	Protocol/standing orders for different units	25	10	2.5
	Total	250	100	25

UNIVERSITY EXAMINATION

Internal Assessment	-	25 Marks
University Exam	-	75 Marks
Grand Total	-	100 Marks



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SECOND YEAR M.Sc. NURSING

CLINICAL SPECIALITY – II MENTAL HEALTH NURSING

INSTRUCTIONS FOR SETTING QUESTION PAPER

Marks :- 75

Time :- 3 Hours

SECTION A

Marks 38

- Q.1) Write Short Answers on any 3 out of 4** **3 X 5 = 15 Marks**
- a. 5 Marks
 - b. 5 Marks
 - c. 5 Marks
 - d. 5 Marks
- Q.2) Long Answers Questions** **15 Marks**
- a. 2 Marks
 - b. 5 Marks
 - c. 8 Marks
- Q.3) Write explanatory notes on any 1 out of 3** **1 X 8 = 8 Marks**
- a.
 - b.
 - c.

SECTION B

Marks 37

- Q.1) Write Short Answers on any 3 out of 4** **3 X 5 = 15 Marks**
- a. 5 Marks
 - b. 5 Marks
 - c. 5 Marks
 - d. 5 Marks
- Q.2) Long Answers Questions** **15 Marks**
- a. 2 Marks
 - b. 5 Marks
 - c. 8 Marks
- Q.3) Write explanatory notes on any 1 out of 3** **1 X 7 = 7 Marks**
- a.
 - b.
 - c.



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SECOND YEAR M.Sc. NURSING

NURSING MANAGEMENT

SEMINAR - EVALUATION CRITERIA

Name of the Student: - _____

Batch: - _____ Date:- _____

Topic:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr No.	Criteria	Marks Assigned	Marks Obtained
1	Content		
	Organization	1	
	Coverage	2	
	Use of current literature & research evidence	1	
	Appropriateness	1	
2	Presentation		
	Introduction	1	
	Coverage of subject content	2	
	Sequencing	1	
	Depth of knowledge	2	
	Integration of subject matter	1	
	Explanation & clarification	2	
	Time Management	1	
3	A V aids		
	Relevant, clear & visible	1	
	Creativity	1	
	Used effectively at the right time	1	
4	Speaker's qualities		
	Grooming	1	
	Modulation	1	
	Gestures & Mannerism	1	
5	Group Participation	2	
6	References	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor &Date

Signature of the student &Date



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SECOND YEAR M.Sc. NURSING

EVALUATION CRITERIA – PERFORMANCE APPRAISAL TOOL

Name of the Student: - _____

Batch :- _____ **Date:-** _____

Topics:- _____

Name of the Supervisor:- _____

Total Marks – 50

Marks obtained:- _____

Sr. No	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	10	
2	Organisation	5	
3	Illustration	5	
4	Resources Used	5	
	Total Marks	25	

Remarks:-

Signature of the Supervisor &Date

Signature of the student &Date



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SECOND YEAR M.Sc. NURSING

NURSING MANAGEMENT

EVALUATION CRITERIA – DUTY ROSTER

Name of the Student: - _____

Batch: - _____ Date: - _____

Total Marks – 25

Marks obtained: - _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Adequacy-Requirements, Fairness	10	
2	Accuracy (following guidelines)	3	
3	Feasibility	5	
4	Self explanatory	5	
5	Neatness	2	
	TOTAL	25	

Remarks:-

Signature of the Supervisor &Date

Signature of the student &Date



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SECOND YEAR M.Sc. NURSING

NURSING MANAGEMENT

EVALUATION CRITERIA - PROTOCOLS

Name of the Student: - _____

Batch: - _____ Date: - _____

Topics: - _____

Name of the Supervisor: - _____

Total Marks – 50

Marks obtained: - _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	10	
2	Organisation	5	
3	Illustration	10	
4	Resources Used	5	
	Total Marks	25	

Remarks: -

Signature of the Supervisor &Date

Signature of the student &Date



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SECOND YEAR M.Sc. NURSING

CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

Placement: II Year

Hours of instruction

Theory: - 150 hours

Practical: - 950 hours

Total: - 1100 hours

Course Description

This course is designed to assist students in developing expertise and in-depth knowledge in the field of Critical Care Nursing. It will help students to develop advanced skills for nursing intervention in caring for critically ill patients. It will enable the student to function as critical care nurse practitioner/ specialist. It will further enable the student to function as educator, manager and researcher in the field of Critical Care Nursing.

Objectives

At the end of the course the students will be able to

1. Appreciate trends and issues related to Critical Care Nursing.
2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients
3. Describe the various drugs used in critical care and nurses responsibility
4. Perform physical, psychosocial & spiritual assessment
5. Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.
6. Demonstrate skill in handling various equipment's/gadgets used for critical care
7. Provide comprehensive care to critically ill patients.
8. Appreciate team work & coordinate activities related to patient care.
9. Practice infection control measures.
10. Assess and manage pain.
11. Identify complications & take appropriate measures.
12. Discuss the legal and ethical issues in critical care nursing
13. Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety
14. Assist in various diagnostic, therapeutic and surgical procedures
15. Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing
16. Identify the sources of stress and manage burnout syndrome among health care providers.
17. Teach and supervise nurses and allied health workers.
18. Design a layout of ICU and develop standards for critical care nursing practice.



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COURSE CONTENT

UNIT	HOURS	Course Content
I	5	<p>Introduction to Critical Care Nursing</p> <ul style="list-style-type: none"> • Historical review- Progressive patient care (PPC) • Review of anatomy and physiology of vital organs, fluid and electrolyte balance • Concepts of critical care nursing • Principles of critical care nursing • Scope of critical care nursing • Critical care unit set up including equipments supplies, use and care of various type of monitors & ventilators • Flow sheets
II	10	<p>Concept of Holistic care applied to critical care nursing practice</p> <ul style="list-style-type: none"> • Impact of critical care environment on patients: - • Risk factors, Assessment of patients, Critical care psychosis, prevention & nursing care for patients affected with psycho physiological & psychosocial problems of critical care unit, Caring for the patient's family, family teaching • The dynamics of healing in critical care unit: - therapeutic touch, Relaxation, Music therapy, Guided Imagery, acupressure • Stress and burnout syndrome among health team members
III	14	<p>Review</p> <ul style="list-style-type: none"> • Pharmacokinetics • Analgesics/Anti-inflammatory agents • Antibiotics, antiseptics • Drug reaction & toxicity • Drugs used in critical care unit (inclusive of Inotropic, life saving drugs) • Drugs used in various body systems • IV fluids and electrolytes • Blood and blood components • Principles of drug administration, role of nurses and care of drugs
IV	5	<p>Pain Management</p> <ul style="list-style-type: none"> • Pain & Sedation in Critically ill patients • Theories of pain, Types of pain, Pain assessment, Systemic responses to pain • Pain management-pharmacological and non-pharmacological measures • Placebo effect
V	5	<p>Infection control in intensive care unit</p> <ul style="list-style-type: none"> • Nosocomial infection in intensive care unit; methyl resistant staphylococcus aureus (MRSA),



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		Disinfection, Sterilization, Standard safety measures, Prophylaxis for staff
VI	10	Gastrointestinal System <ul style="list-style-type: none"> • Causes, Pathophysiology, diagnosis, Prognosis, Management: Medical, Surgical and Nursing management of:-Acute Gastrointestinal Bleeding, Abdominal injury, Hepatic Disorders:-Fulminant hepatic failure, Hepatic encephalopathy, Acute Pancreatitis, Acute intestinal obstruction, Perforative peritonitis
VII	10	Renal System <ul style="list-style-type: none"> • Causes, pathophysiology, Clinical types, Clinical features, diagnosis, Prognosis, • Management: Medical, Surgical and Nursing management of:-Acute Renal Failure, Chronic Renal Failure, Acute tubular necrosis, Bladder trauma Management • Modalities: Hemodialysis, Continuous • Ambulatory Peritoneal Dialysis, • Continuous arterio venous hemodialysis, • Renal Transplant,
VIII	10	Nervous System <ul style="list-style-type: none"> • Causes, pathophysiology, Clinical types, Clinical features, diagnosis, Prognosis, Management: Medical, Surgical and Nursing management of:-Common Neurological Disorders:- Cerebrovascular disease, Cerebrovascular, Guillein Barre-Syndrome, Myasthenia Gravis, Coma, Persistent vegetative state, Encephalopathy, Head injury, Spinal Cord injury • Management Modalities: Assessment of Intracranial pressure, • Management of intracranial hypertension, Craniotomy • Problems associated with neurological disorders: regulation, Unconsciousness, Herniation syndrome
IX	10	Endocrine System <ul style="list-style-type: none"> • Causes, Pathophysiology, Clinical types, Clinical features, diagnosis, Prognosis, Management: Medical, Surgical and Nursing Management of :-Hypoglycemia, Diabetic Ketoacidosis, Thyroid crisis, Myxoedema, Adrenal crisis, Syndrome of Inappropriate/ hypersecretion of Antidiuretic Hormone (SIADH)
X	15	Management of other Emergency Conditions Mechanism of injury, Thoracic injuries, Abdominal injuries, pelvic fractures, complications of trauma, Head injuries Shock: Shock syndrome, Hypovolemic, Cardiogenic, Anaphylactic, Neurogenic and Septic shock Systemic inflammatory Response: The inflammatory response, Multiple organ dysfunction syndrome



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		<ul style="list-style-type: none"> Disseminated Intravascular Coagulation Drug Overdose and Poisoning, Acquired Immunodeficiency Syndrome (AIDS) Ophthalmic: Eye injuries, Glaucoma, retinal detachment Ear Nose Throat: Foreign bodies, stridor, bleeding, Quinicy, acute allergic conditions Psychiatric emergencies;,, suicide, crisis intervention
XI	15	<p>Cardiovascular emergencies</p> <ul style="list-style-type: none"> Principles of Nursing in caring for patients with Cardiovascular disorders Assessment: Cardiovascular system: Heart sounds, Diagnostic studies:- Cardiac enzymes studies, Electrocardiographic monitoring, Holter monitoring, Stress test. Echo cardiography, Coronary angiography, Nuclear medicine studies Causes, Pathophysiology, Clinical types, Clinical features, Diagnostic Prognosis, Management : Medical, Surgical & Nursing management of:-Hypertensive crisis, Coronary artery disease, Acute Myocardial infarction, Cardiomyopathy, Deep vein thrombosis, Valvular diseases, Heart block, Cardiac arrhythmias & conduction disturbances, Aneurysms, Endocarditis, Heart failure Cardio pulmonary resuscitation BCLS/ ACLS Management Modalities: Thrombolytic therapy, Pacemaker – temporary & permanent, Percutaneous transluminal coronary angioplasty, Cardioversion, Intra Aortic Balloon pump monitoring, Defibrillations, Cardiac surgeries, Coronary Artery Bypass Grafts(CABG/MICAS), Valvular surgeries, Heart Transplantat ion, Autologous blood transfusion, Radiofrequency Catheter Ablation
XII	15	<p>Respiratory System</p> <ul style="list-style-type: none"> Acid-base balance & imbalance Assessment : History & Physical Examination Diagnostic Tests: Pulse Oximetry, End –Tidal Carbon Dioxide Monitoring, Arterial blood gas studies, chest radiography, pulmonary Angiography, Bronchoscopy, Pulmonary function Test, Ventilation perfusion scan, Lung ventilation scan Causes Pathophysiology, Clinical types, Clinical features, Prognosis, Management: Medical, Surgical and Nursing management of Common pulmonary disorders:- Pneumonia, Status asthmaticus, interstitial drug disease, Pleural effusion, Chronic obstructive pulmonary disease, Pulmonary tuberculosis, Pulmonary edema, Atelectasis, Pulmonary embolism, Acute



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		<ul style="list-style-type: none"> • respiratory failure, Acute respiratory distress syndrome (ARDS), Chest Trauma Haemothorax, Pneumothorax • Management Modalities:-Airway Management Ventilatory Management:-Invasive, non- invasive, long term mechanical ventilations • Bronchial Hygiene:-Nebulization, deep breathing exercise, chest physiotherapy, postural drainage, Inter Costal Drainage, Thoracic surgeries
XIII	7	<p>Burns</p> <ul style="list-style-type: none"> • Clinical types, classification, pathophysiology, clinical features, assessment, diagnosis, prognosis, Management: Medical, Surgical • & Nursing management of burns • Fluid and electrolyte therapy – calculation of fluids and its administration • Pain management • Wound care • Infection control • Prevention and management of burn complications • Grafts and flaps • Reconstructive surgery • Rehabilitation
XIV	5	<p>Obstetrical Emergencies</p> <ul style="list-style-type: none"> • Causes, Pathophysiology, Clinical types, clinical features, diagnostic Prognosis, Management: Medical, Surgical and Nursing management of :Antepartum haemorrhage, Preeclampsia, eclampsia, Obstructed labour and ruptured uterus, Post partum haemorrhage, Puerperal sepsis, Obstetrical shock
XV	10	<p>Neonatal Paediatric emergencies</p> <ul style="list-style-type: none"> • Causes, pathophysiology, Clinical types, Clinical features, diagnostic, Prognosis , Management: medical, surgical and Nursing management of <ul style="list-style-type: none"> · Neonatal emergencies · Asphyxia Neonatarum, Pathological Jaundice in Neonates, Neonatal seizures, Metabolic disorders, Intra cranial Hemorrhage, Neonatal Sepsis, RDS/HMD (Respiratory Distress Syndrome/Hyaline Membrane Disease), Congenital disorders:- · Cyanotic heart disease, tracheo oesophageal fistula, · hypertropic pyloric stenosis, imperforate anus · Pediatric emergencies · Dehydration, · Acute broncho pneumonia, · Acute respiratory distress syndrome, · Poisoning, · Foreign bodies,



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		<ul style="list-style-type: none"> · Seizures, · Traumas, · Status asthmaticus
XVI	2	Legal and ethical issues in critical care-Nurse's role <ul style="list-style-type: none"> • Brain death • Organ donation & Counseling • Do Not Resuscitate(DNR) • Euthanasia • Living will
XVII	2	Quality assurance <ul style="list-style-type: none"> • Standards, Protocols, Policies, Procedures • Infection control; Standard safety measures • Nursing audit • Staffing • Design of ICU/CCU

Practical

Department./Unit	Total Hours	Activity / Assignment
Burns ICU	60 Hours	Nursing Care Plan – 1 & report
Medical ICU	120 Hours	Nursing Care Plan – 1 & report Case presentation -1
Surgical ICU	120 Hours	Nursing Care Plan – 1 & report Case presentation -1 Report
CCU	60 Hours	Nursing Care Plan – 1 & report
Emergency Department Ambulance	30 Hours	Report
Dialysis Unit	60 Hours	Report
Transplant Room	30 Hours	Report
Paediatric/ NICU & Eclampsia Room, Labor Room	120 Hours	Report
Medical Ward	30 Hours	Nursing Care Plan – 1 & report
Surgical Ward	30 Hours	Nursing Care Plan – 1 & report
Cardiothoracic ICU	60 Hours	Nursing Care Plan – 1 & report
Cardio Thoracic Ward	60 Hours	Nursing Care Plan – 1 & report
Neuro / Neurosurgical ICU	120 Hours	Nursing Care Plan (Medical-1, Surgical -1) Report
Operating System	60 Hours	Report
Total	960 Hours	



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ESSENTIAL CRITICAL CARE NURSING SKILLS

I. Procedures Observed

1. CT Scan
2. MRI
3. EEG
4. Hemodialysis
5. Endoscopic Retrograde cholangio Pancreaticogram(ERCP)
6. Heart/ Neuro/GI./ Renal Surgeries

II. Procedures Assisted

1. Advanced life support system
2. Basic cardiac life support
3. Arterial line/arterial pressure monitoring/blood taking
4. Arterial blood gas
5. ECG recording
6. Blood transfusion
7. IV cannulation therapy
8. Arterial Catheterization
9. Chest tube insertion
10. Endotracheal intubations
11. Ventilation
12. Insertion of Central line/CVP line
13. Connecting lines for dialysis

III. Procedure Performed

1. Airway management
 - a. Application of oropharyngeal airway
 - b. Oxygen therapy
 - c. CPAP (Continuous Positive Airway pressure)
 - d. Care of Tracheostomy
 - e. Endotracheal Extubation
2. Cardiopulmonary resuscitation, Basic cardiac life support, ECG
3. Monitoring of critically ill patients – clinically with monitors, capillary refill time (CRT) assessment of jaundice, ECG.
4. Gastric lavage
5. Assessment of critically ill patients
Identification & assessment of risk factors, Glasgow coma scale, and dolls eye movement, arterial pressure monitoring, cardiac output/pulmonary artery pressure monitoring, and detection of life threatening abnormalities



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6. Admission & discharge of critically ill patients
7. Nutritional needs – Gastrostomy feeds, pharyngeal feeds, Jejunostomy feeds, TPN, formula preparation & patient education.
8. Assessment of patient for alteration in blood sugar levels monitoring blood sugar levels periodically & administering insulin periodically.
9. Administration of drugs: IM, IV injection, IV cannulation & fixation of infusion pump, calculation of dosages, use of insulin syringes/ tuberculin, monitoring fluid therapy, blood administration.
10. Setting up dialysis machine and starting, monitoring and closing dialysis
11. Procedures for prevention of infections: Hand washing, disinfection & sterilization surveillance, and fumigation universal precautions.
12. Collection of specimen.
13. Setting, use & maintenance of basic equipment, ventilator, O2 analyzer, monitoring Equipment, transducers, defibrillator, infusion & syringe pumps, centrifuge machine.

IV Other Procedures:

Teaching Methods

- Lecture
- Group discussion
- Seminar
- Case Presentation
- Case Conferences
- Field Trips (Specialty Hospital)

Clinical Experience

- Case Assignment
- Physical Assessment
- NCP and implementation
- Participation in case conference
- Participation in diagnostic tests, infection control procedures, etc



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References -

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3. Jayce M.Black, Jane Hokanson Hawks, Medical Surgical Nursing – Clinical Management Forpositive outcomes, 7th edition, 2005, Elsevier, India.
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6. Lewis, Heitkemper & Dirksen Medical Surgical Nursing Assessment and Management of Clinical Problem (6th ed) (2000) Mosby.
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11. Datta T.K. fundamentals of Operation Theater Services, Paypee (2003), New Delhi
12. Maheshwari J. Essentials of Orthopedics (3rd Ed) Mehta Publication, New Delhi.
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14. Haslett C., Chilvers E.R., Hunder J.A.A. & Boon, N.A. Davidson's Principles and Practice of Medicine, 18th ed, (1999) Churchill living stone. Edinburgh.
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16. Medical Surgical Nursing : A Nursing process approach Col.I & II, Ignataciaius , Donna and Workman, Linda, W.B. Saunders Company, Philadelphia, 1995
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INTERNAL ASSESSMENT

THEORY

Total Marks 25

Sr.No.	Technique	Total Marks	Weightage %	Marks
1	Tests			
	First term	50	20	5
	Prefinal	75	30	7.5
2	Seminar (1)	25	10	2.5
3	Systematic Review	50	20	5.0
4	Concept Poster Presentation	25	10	2.5
5	Drug Book	25	10	2.5
	Total	255	100	25

UNIVERSITY EXAMINATION (Theory)

Internal Assessment	-	25 Marks
University Exam	-	75 Marks
Grand Total	-	100 Marks

PRACTICAL

100 Marks

Sr.No.	Technique	Total Marks	Weightage %	Marks
1	Examination –			
	Mid Term	100	25	25
	Prefinal	100	25	25
2	Assignment			
	Care Plan			
	MICU	25	2.5	2.5
	Neuromedicine ICU	25	2.5	2.5
	Neurosurgical ICU	25	2.5	2.5
	Cardiothoracic ward	25	2.5	2.5
3	Case Presentation (2)	50 x2 =100	5x2=10	5x2=10
4	Clinical Teaching (2)	25 x2 =50	2.5x2=5	2.5x2=5
5	Clinical Evaluation (2)	100x2 =200	10x2=20	10x2=20
6	Comprehensive patient Assessment (2)	25 x2 =50	2.5x2=5	2.5x2=5
	Total	600	100	Nursing

UNIVERSITY EXAMINATION (Practical)

Internal Assessment	-	100 Marks
University Exam	-	100 Marks
Grand Total	-	200 Marks

Division of marks for practical Exams (Internal and External examiners)

ITEMS	INTERNAL	EXTERNAL	TOTAL MARKS
Nursing Process	20	20	40
Patient care evaluation	20	20	40
Viva (patient, drug, Investigation, recent trends, development etc.)	10	10	20
Marks	50	50	100



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SECOND YEAR M.Sc. NURSING

CLINICAL SPECIALITY –II MEDICAL SURGICAL NURSING

(CRITICAL CARE NURSING)

QUESTION PAPER

Marks: - 75

Time: - 3 Hours

SECTION A

Marks 38

Q.1) Write Short Answers on any 3 out of 4

3 X 5 = 15 Marks

- e. 5 Marks
- f. 5 Marks
- g. 5 Marks
- h. 5 Marks

Q.2) Long Answers Questions

15 Marks

- a. 2 Marks
- b. 5 Marks
- c. 8 Marks

Q.3) Write explanatory notes on any 1 out of 3

1 X 8 = 8 Marks

- a.
- b.
- c.

SECTION B

Marks 37

Q.1) Write Short Answers on any 3 out of 4

3 X 5 = 15 Marks

- e. 5 Marks
- f. 5 Marks
- g. 5 Marks
- h. 5 Marks

Q.2) Long Answers Questions

15 Marks

- a. 2 Marks
- b. 5 Marks
- c. 8 Marks

Q.3) Write explanatory notes on any 1 out of 3

1 X 7 = 7 Marks

- a.
- b.
- c.



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CLINICAL SPECIALITY –II MEDICAL SURGICAL NURSING

(CRITICAL CARE NURSING)

SEMINAR - EVALUATION CRITERIA

Name of the Student: - _____

Batch: - _____ Date: - _____

Topic:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content		
	Organization	1	
	Coverage	2	
	Use of current literature & research evidence	1	
	Appropriateness	1	
2	Presentation		
	Introduction	1	
	Coverage of subject content	2	
	Sequencing	1	
	Depth of knowledge	2	
	Integration of subject matter	1	
	Explanation & clarification	2	
	Time Management	1	
3	A V aids		
	Relevant, clear & visible	1	
	Creativity	1	
	Used effectively at the right time	1	
4	Speaker's qualities		
	Grooming	1	
	Modulation	1	
	Gestures & Mannerism	1	
5	Group Participation	2	
6	References	2	
	Total Marks	25	

Remarks:-

Signature of the Supervisor &Date

Signature of the student &Date



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SECOND YEAR M.Sc. NURSING

CLINICAL SPECIALITY –II MEDICAL SURGICAL NURSING

PRACTICAL TEACHING PERFORMA FOR EVALUATION

Name of the Student: - _____ Group _____

Topic:- _____ Place: - _____

Name of the evaluator:- _____ Date & Time:- _____

Sr. No	Criteria	Maximum Marks	Marks Obtained
1	LESSON PLAN <ul style="list-style-type: none">· General objectives stated clearly· Specific objectives stated in behavioral terms· Lesson plan followed in sequence· Bibliography up to date and complete	10	
2	LEARNING ENVIRONMENT <ul style="list-style-type: none">· Physical set up of classroom (seating)· Classroom light adequate· Well ventilated· Motivates student	5	
3	PRESENTATION <ul style="list-style-type: none">· Coverage of subject content· Depth of knowledge· Integration of subject matter· Speech-clear, audible, well modulated.· Explanation and clarification	10	
4	USE OF AUDIO VISUAL AIDS <ul style="list-style-type: none">· Relevant, clear and visible· Creativity· Used effectively at the right time	10	
5	QUESTIONING TECHNIQUE <ul style="list-style-type: none">· Questioning equally addressed to all· Well worded questions, no ambiguity· Thought provoking questions· Sufficient time allowed for answering· Questions relevant and challenging	5	
6	GROUP PARTICIPATION	3	
7	ASSIGNMENT <ul style="list-style-type: none">· Appropriate to the lesson· Clear· Motivating· Explained to the students· Feedback given to the students	2	
8	STUDENT TEACHER PERSONALITY <ul style="list-style-type: none">· Appearance grooming· Confidence· Eye contact· Modulation· Mannerisms	5	
	TOTAL MARKS	50	

Signature of the Evaluator/Guide &Date



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SECOND YEAR M.Sc. NURSING

DRUG BOOK -EVALUATION CRITERIA

Name of the Student: - _____

Batch :- _____ Date:- _____

Topics:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	20	
2	Organisation	5	
3	Illustration	20	
4	Resources Used	5	
	Total Marks	50	

Remarks:-

Signature of the Supervisor &Date

Signature of the student &Date



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FORMAT FOR DRUG BOOK

Sr. No	Trade name & Pharmacological name	Indications	Dose & Route	Side effects / adverse drug response	Contraindications	Nursing implications	Current research evidence	Indication in patient if applicable



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SECOND YEAR M.Sc. NURSING

CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING

(CRITICAL CARE NURSING)

EVALUATION CRITERIA FOR NURSING CARE PLAN

Name of the Student: - _____

Patient Name: - _____

Diagnosis:- _____ Ward :- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained:- _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Elicits relevant history	3	
2	Make quick and valid physical assessment	4	
3	Identification problems / needs	2	
4	Formulates nursing diagnosis	4	
5	Prioritizes the nursing diagnosis	2	
6	Plan care according to priority	2	
7	List the outcome criteria	1	
8	Implements care for priority needs	2	
	Applies scientific principles	2	
	Practices economy of time, money & material	1	
	Manual dexterity		
9	Evaluates the care (based on nurse notes, report, records patients and relatives response)	2	
	Total Marks	25	

Remarks:-

Signature of the supervisor &Date

Signature of Student &Date



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SECOND YEAR M.Sc. NURSING

**CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING
(CRITICAL CARE NURSING)**

PROFORMA & GUIDELINES FOR CASE PRESENTATION

I Patent Biodata

Name, Age, Sex Religion, Marital status, Occupation, Source of health care, Date of admission, Provisional Diagnosis, Date of surgery if any.

II Presenting complaints

Describe the complaints with which the patient has been brought to the hospital

III Socio-economic status of the family:

Monthly income, expenditure on health, food, education etc.

IV History of Illness (Medical & Surgical)

- i) History of present illness – onset, symptoms, duration, precipitating/ aggravating factors
- ii) History of past illness surgery, allergies, medications etc.
- iii) Family history – Family tree, history of illness in the family members, risk factors congenital problem, psychological problem etc.

V Diagnosis (Provisional & Confirmed)

Description of disease: Includes the followings

1. Definition
2. Etiology & risk factors
3. Patho physiology
4. Clinical features.

VI Physical Examination of Patient (Date & Time)

Physical examination: with date and time.

Clinical features present in the book Present in the Patient

VII Investigations

Date	Investigation done	Results	Normal Value	Interfaces

VIII Management – (Medical / Surgical)

Aims of management

Medical or Surgical Management

Pharmacological Management

Sr.No.	Name of the drug	Dose	Route	Action	Side effects	Nurse Responsibility



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IX Nursing Management (Including diet Plan, Health Education, Discharge planning) Nursing care plan based on Nursing Theory

Nurses notes

X Summary of the case & Conclusion-

XI References



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SECOND YEAR M.Sc. NURSING

CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING

(CRITICAL CARE NURSING)

EVALUATION CRITERIA FOR CASE PRESENTATION

Name of the Student: - _____

Area:- _____ Patient Name :- _____

Diagnosis:- _____

Name of the Supervisor:- _____

Total Marks – 50

Marks obtained:- _____

Sr.No.	Criteria	Marks Allotted	Marks Obtained
1	Content Subjective & objective data	8	
2	Problems & needs identified & Nursing Care Plan	15	
3	Effectiveness of presentation	5	
4	Co-relation with patient & Book (research evidence)	10	
5	Use of A V aids	5	
6	Physical Arrangement	2	
7	Group Participation	3	
8	Bibliography & References	2	
	Total Marks	50	

Remarks:-

Signature of supervisor & Date

Signature of Student & Date



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SECOND YEAR M.Sc. NURSING

CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING

(CRITICAL CARE NURSING)

CLINICAL EVALUATION: COMPREHENSIVE NURSING CARE

(Maximum Marks – 100 each area)

Name of the Student: - _____

Duration of Experience: - _____ Year :- _____

Total Marks obtained _____

Sr.No.	Criteria	Rating				
		1	2	3	4	5
I	UNDERSTANDING PATIENT AS PERSON A. Approach 1. Rapport with patient/family members Understanding of patients health problems. 1. Knowledge about disease condition. 2. Knowledge about investigations. 3. Knowledge about treatment including diet. 4. Knowledge about progress of the patient.					
II	NURSING CARE PLAN 1. History taking – Past & present health and illness. 2. Specific observation of the patient. 3. Identification of all problems in the patient/family. 4. Prioritization & implantation of the plans. 5. Evaluation of the care given & re-planning					
III	TECHNICAL SKILL 1. Economical & safe adaptation to the situation & available Facilities. 2. Implements the procedure with skill speed & completeness.					
IV	RECORDING & REPORTING 1. Prompt, precise, accurate & relevant. 2. Maintenance of clinical experience file.					
V	HEALTH TEACHING 1. Incidental / planned teaching with principles of teaching & learning					
VI	SUPERVISORY RESPONSIBILITIES 1. Supervision of students 2. Supervision subordinate staff 3. Supervision of ward					
VII	Personality 1. Professional appearance (uniform, dignity, tactfulness interpersonal relationship, punctuality etc. 2. Sincerity, honesty & Sense of responsibility					
	Total Marks					

Remarks:-

Signature of supervisor &Date

Signature of Student &Date



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EVALUATION CRITERIA – COMPEHENSIVE PATIENT ASSESSMENT TOOL

Name of the Student: - _____

Batch :- _____ Date:- _____

Topics:- _____

Name of the Supervisor:- _____

Total Marks – 25

Marks obtained: - _____

Sr.No.	Criteria	Marks Assigned	Marks Obtained
1	Content (Adequacy, Appropriateness, Clarity)	10	
2	Organization	5	
3	Illustration	5	
4	Resources Used	5	
	Total Marks	25	

Remarks: -

Signature of supervisor &Date

Signature of Student &Date



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