

M.Sc. NURSING (ONCOLOGY NURSING)
[Syllabus Approved by Board of Studies, Medical & Health Sciences]

Programme Code	:	HLTH15
Programme Details	:	M.Sc NURSING (ONCOLOGY NURSING)
Programme Learning Outcomes (PLOs / PSOs)	:	ANNEXED IN THE BELOW FORMAT.
Eligibility Criteria	:	<p>ONLY INDIAN NATIONALS CAN APPLY.</p> <ul style="list-style-type: none"> • B. SC. NURSING / POST BASIC B.SC. NURSING / B.SC. NURSING HONOURS FROM RECOGNIZED UNIVERSITY WITH MIN. 55% AGGREGATE MARKS AND REGISTERED WITH STATE NURSING COUNCIL / INDIAN NURSING COUNCIL. • MINIMUM 1 YEAR OF WORK EXPERIENCE AFTER STATE NURSING COUNCIL REGISTRATION AFTER COMPLETION OF BASIC B.SC. NURSING. • WORK EXPERIENCE PRIOR TO POST BASIC B. SC NURSING WILL BE CONSIDERED.
Duration of the Course	:	2 YEARS
Programme Structure (Credit-Based)	:	NA
Detailed Course Syllabus	:	ANNEXED IN THE BELOW FORMAT.
Teaching–Learning Methodologies	:	DIDACTIC LECTURES FOLLOWED BY HANDS-ON EXPERIENCE.
Examination & Evaluation System	:	ANNUAL EXAMINATION
Internship / Project / Dissertation Guidelines	:	THESIS SUBMISSION PRIOR TO FINAL EXAMINATION
Program In Charge	:	PROF. ANITA DSOUZA anita.dsouza@tmc.gov.in

M.Sc. NURSING (Oncology Nursing)

Programme Code: HLTH15

Programme Outcome:

- Designed to develop nurse leaders who will assume roles as Nurse Specialist, Nurse Educator, Administrator and Researcher.
- Develop ability to contribute to the knowledge of profession through research development and validation of nursing theories.

DETAILED COURSE STRUCTURE

LIST of COURSES			
Course Code	Course name	Hours	Marks
Module-1	Advanced Nursing Practice	350 Theory – 150 Hrs. Practical –200 Hrs	100
Module-2	Clinical Speciality – I Medical Surgical Nursing	800 Theory – 150 Hrs. Practical –650 Hrs	300
Module-3	Nursing Education	300 Theory – 150 Hrs. Practical –150 Hrs	200
Module-4	Nursing Management	300 Theory – 150 Hrs. Practical –150 Hrs	100
Module-5	Nursing Research and Statistics	250 Theory – 150 Hrs. Practical –100 Hrs	100
Module-6	Clinical Speciality- II Medical Surgical Nursing - Oncology Nursing	1100 Theory – 150 Hrs. Practical –950 Hrs	300
	Thesis and Viva Voce	NA	200
Total		3050	1300

COURSE COORDINATOR

COURSE CODE	COURSE NAME	COURSE COORDINATOR
Module-1	Advanced Nursing Practice	Prof. Prathepa Jagdish (prathepa_jagadish@rediffmail.com)
Module-2	Clinical Speciality – I Medical Surgical Nursing	
Module-3	Nursing Education	
Module-4	Nursing Management	
Module-5	Nursing Research and Statistics	
Module-6	Clinical Speciality- II Medical Surgical Nursing - Oncology Nursing	

DETAILED SYLLABUS

Module:1 Advanced Nursing Practice [150T+200P]

Coordinators: Prof. Prathepa Jagdish
prathepa_jagdish@rediffmail.com

▪ Objectives

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

- Appreciate and analyze the development of nursing as a profession.
- Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
- Explain bio- psycho- social dynamics of health, life style and health care delivery system
- Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
- Describe scope of nursing practice.
- Provide holistic and competent nursing care following nursing process approach.
- Identify latest trends in nursing and the basis of advance nursing practice.
- Perform extended and expanded role of nurse.
- Describe alternative modalities of nursing care.
- Describe the concept of quality control in nursing.
- Identify the scope of nursing research.
- Use computer in patient care delivery system and nursing practice.
- Appreciate importance of self-development and professional advance

• *Course Details:*

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

Course Outcomes:

- Designed to develop an understanding of concepts and constructs and theoretical basis of advanced nursing practice
- Ability to critically analyse different theories of nursing and other disciplines.
- Develop advance Nurse Practitioner who assumes expanded and extended role.

Module:2 Clinical Specialty – I Medical Surgical Nursing (150T+650P)

**Coordinators: Prof. Prathepa Jagdish
prathepa_jagadish@rediffmail.com**

▪ **Objectives**

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

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

Course Details:

The This course is common for the students undergoing clinical speciality-II in neuro science nursing / cardiovascular & thoracic nursing / critical care nursing /oncology nursing / orthopaedica 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 students to function as educator, manager and researcher in the field of Medical Surgical Nursing.

▪ **PROFORMA & GUIDELINE FOR CASE STUDY**

- Selection of patient.
- Demographic data of the patient.

- Medical history past and present illness.
 - **Comparison of the patient's disease with book picture.**
 - Anatomy and physiology.
 - Etiology.
 - Patho physiology.
 - Signs and symptoms.

 - Diagnosis - provisional & final
 - Investigations
 - Complications & prognosis.
 - **Management: - Medical or Surgical**
 - Aims and objectives.
 - Drugs and Medications, surgical , any other interventional or non interventional procedures
 - Diet.- comes under nursing management
 - **Nursing Management (Nursing Process approach)**
 - Aims and objectives.
 - Assessment and specific observations.
 - Nursing diagnosis.
 - Nursing care plan (Short term & long term with rationale.)
 - Implementation of nursing care with priority.
 - Health teaching., rehabilitation , preventive aspects of disease
 - Day to day progress report & evaluation.- can be changed as prognosis of patient
 - Discharge planning.
 - Drug Study.
 - Research evidence.
 - Summary and conclusion.
 - Bibliography.
- **PROFORMA & GUIDELINE FOR CASE PRESENTATION**
- **Patient Biodata**
 - Name, Age, Sex, Religion, Marital status, Occupation, Source of health care, Date of admission, Provisional Diagnosis, Date of surgery if any.
 - Presenting complaints Describe the complaints with which the childpatient has been brought to the hospital.
 - Socio-economic status of the family: Monthly income, expenditure on health, food, education etc.
 - **History of Illness (Medical & Surgical)**
 - History of present illness – onset, symptoms, duration, precipitating/aggravating factors
 - History of past illness surgery, allergies, medications etc.
 - Family history – Family tree, history of illness in the family members, risk factors, congenital problems, psychological problems etc.
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- **Diagnosis: (Provisional & confirmed). Description of disease: Includes the followings**
 - Definition.
 - Related anatomy and physiology

 - Etiology & risk factors
 - Path physiology
 - Clinical features.

- **Physical Examination of Patient (Date & Time)**
 - Physical examination: with date and time.
 - Clinical features present in the book Present in the patient

- **Investigations**
 - Date Investigation done Results Normal Value Inferences- interpretation of the results

- **Management - (Medical /Surgical)**
 - Aims of management
 - Objectives of Nursing Care Plan

- **Treatment:**
 - Sr. No Drug (Pharmacological name) Dose Frequency/ Time Action Side effects & drug reaction Nurse's responsibility
 - Medical or Surgical Management.
 - Nursing management

- **Nursing Care Plan: Short Term & Long Term plan.**
 - Assessment Nursing
 - Diagnosis
 - Objective Plan of care
 - Rationale Implementation Evaluation

- Discharge planning: It should include health education and discharge planning given to the patient.
- Prognosis of the patient: evidence based management
- Summary of the case:
- References

Course Outcomes:

- 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.
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- Enable the students to function as educator, manager and researcher in the field of Medical Surgical Nursing.

Reference:

1. Black M.J., Hawks H.J., “Medical Surgical Nursing, Clinical Management for positive outcome” 7th Ed., Saunders, Elsevier.
2. Smeltzer, Bare Brunner and Suddarths Medical Surgical Nursing.
3. The Lippincott Manual of Nursing practice, Lippincott.
4. MANN, RUSSELL, WILLIAMS, Bailey & Love’s short practice of Surgery.
5. Potter & Perry Fundamentals of Nursing, Elsevier.
6. Urdan Bavic, Thelan, Essentials of critical care Nursing.
7. Urban, A.N., Greenlac K.K. “Guidelines for critical care Nursing Mosby
8. Wood L.S., Frelicher S.E fetal cardiac Nursing. Lippincott Williams & Wilkings.
9. Gulanic, Klopp, Galnes fetal Nursing care plans nursing diagnosis and intervention.
10. Lewis, Collier & Heitkemper Medical Surgical Nursing assessment and management of clinical problems.

Module 3: Nursing Education (100T+150P)

Coordinators: Prof. Prathepa Jagdish
prathepa_jagadish@rediffmail.com

▪ Objectives

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

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

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 standards and accreditation of various nursing educational programs.

Course Outcomes:

- Designed to assist students to develop a broad understanding of fundamental principles, trends and issues related to education and nursing education.
- Provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.
- Develop and/or adopt model of nursing service and nursing education collaboration

Reference:

1. Aggarwal 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.
3. Bevis, Em Olivia, Curriculum Building in Nursing: A Process, Ed-2, C V Mosby Co, St. Louis. 1978.
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 Publishers Inc. Maryland.1989.
10. Gay. LR Educational evaluation and measurement Competencies for analysis and Application. Ed-2, Charles E. MERILL publishers Co. Columbus .1985.
11. Guilbert. J J, Educational Handbook for Health Personnel, World Health Organization, Geneva, 1982.
12. Guinee. 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.
13. Key, F E, A History of education in India and Pakistan, Ed-4, Oxford University Press, London, 1964.
14. King, Imogene M, Curriculum and Instruction in Nursing, Concepts and process Appleton – Century crafts, Norwalk., Connecticut, 1986.
15. KrathwohL, David, R, etc, Taxonomy of educational objectives, Affective Domain I, David Mckay Company Inc., New Yotk, 1956.
16. Mccloskey, Joanne C & GRACE, Helen K, Current issues in Nursing Publishing Company Inc, New York, 1995.
17. Modley, Doris M, etc; Advancing Nursing Education worldwide, Springer Publishing Co. New York,1995.
18. Neeraja K.P, "Text book of Nursing Education", Jaypee brothers.
19. O, Connor, Andrea B; Nursing staff development and continuing Education, Little Brown Company, Bonston, 1986
20. Sanatombi Elsa, "Manipal Manual of Nursing Education", CBS Publishers & Distributors, New Delhi, 1st Edn, 2006.
21. Supe, Rege, Bhuiyan, "The Art of Teaching Medical Students", Medical Education Technology Cell, 2nd Edn, 2002.

Module 4: Nursing Management (150T+150P)

Coordinators: Prof. Prathepa Jagdish
prathepa_jagadish@rediffmail.com

▪ Objectives

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

- Describe the philosophy and objective of the health care institutions at various levels.
- Identify trends and issues in nursing.
- Discuss the public administration, health care administration vis a vis nursing administration.
- Describe the principles of administration applied to nursing.
- Explain the organization of health and nursing services at the various levels / institutions.
- Collaborate and co-ordinate with various agencies by using multisectoral approach.
- Discuss the planning, supervision and management of nursing workforce for various health care settings.
- Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
- Identify and analyse legal and enthical issues in nursing administration.
- Describe the process of quality assurance in nursing services.
- Demonstrate leadership in nursing at various levels.

Course Details:

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 service.

Course Outcomes:

- Designed to assist students to develop a broad understanding of Principles, concepts, trends and issues related to nursing management.
- 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 service.

Module 5: Nursing Research and Statistics (150T+100P)

Coordinators: Prof. Prathepa Jagdish
prathepa_jagadish@rediffmail.com

▪ Objectives

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

- Define basic research terms and concepts.
- Review literature utilizing various sources
- Describe research methodology
- Develop a research proposal.
- Conduct a research study.
- Analyze and interpret the research data
- Communicate research findings
- Utilize research findings
- Critically evaluate nursing research studies
- Write scientific paper for publication

▪ Course Details:

The Course is designed to assist the 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 findings to improve quality of nursing practice, education and management

Course Outcomes:

- The Course is designed to assist the 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 findings to improve quality of nursing practice, education and management.

Reference:

1. Basavanthappa, B.T., Nursing Research, Jaypee Brothers, New Delhi, 2003.
 2. Garrett, H.E. Statistic in Psychology & education. Vakils, Feffer and Samons, Bombay.
 3. Mahajan, B.K. Methods in Biostatistics, Jyppe. 6th ed.1999.
 4. Rose Hott & Budin. Notter's Essentials of Nursing Research 5th ed. spinger publisher, New York. 1999
 5. Patricial Nunhall. Nursing Research 3rd ed. James & Bar. 2001. Canada
 6. Caroly M.H. Research methods for clinical Therapists Applied project design and analysis second ed. 1999. Churchill Livingstone.
 7. P.K. Indrani, T.K. Research Methods for Nurses. Jyppe, 2005.
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8. Clifford et al, 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 & Methods, 7th Ed, Lippincott Williams Wilkins, New York,2004.
12. Burns & Grovo. Understanding Nursing Research. 4th ed. Elsevier. 2007
13. Polit, Beck & P. Hungler” Nursing Research methods, Appraisal & Utilization” 5th edition 2001, Lippincott.
14. Specials & Carpenter Qualitative Research in Nursing Advancing the Hamanistic imperative 4th ed. Lippincott Williams. 2007

Journals:

1. Journal of nursing practice and research.
2. Indian journals of medical ethics.

Module 6: Clinical Speciality- II Medical Surgical Nursing - Oncology Nursing (150L+950P)

**Coordinators: Prof. Prathepa Jagdish
prathepa_jagadish@rediffmail.com**

▪ **Objectives**

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

- Explain the prevention, screening and early detection of cancer.
- Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems.
- Describe the psychological effects of cancer on patients and families.
- Demonstrate skill in administering/ assisting in various treatment modalities used for patients with cancer.
- Apply nursing process in providing holistic care to patients with cancer.
- Apply specific concepts on pain Management.
- Appreciate the care of death and dying patients and value of bereavement support.
- Describe the philosophy, concept and various dimensions of palliative care.
- Appreciate the role of alternative systems of medicine in care of cancer patients.
- Appreciate the legal & ethical issues relevant to oncology nursing
- Recognize and manage Oncological emergencies.
- Counsel the patients with cancer and their families.
- Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing.
- Recognize the role of oncology nurse practitioner as a member of oncology team.
- Collaborate with other agencies and utilize resources in caring for cancer patients.
- Teach and supervise nurses and allied health workers.
- Design a layout and develop standards for management of oncology units/hospitals and nursing care.

▪ **Course Details:**

- This course is designed to assist students in developing expertise and in-depth understanding in the field of oncology Nursing. It will help students to develop advanced skills for Nursing intervention in various oncological conditions. It will enable the student to function as oncology nurse practitioner/specialist and provide quality care. It will further enable the student to function as educator, Manager, and researcher in the field of oncology nursing.

▪ **PROFORMA & GUIDELINE FOR CASE STUDY**

- Selection of patient.
- Demographic data of the patient.

- Medical history past and present illness.
 - Comparison of the patient's disease with book picture.
 - Anatomy and physiology.
 - Etiology.
 - Patho physiology.
 - Signs and symptoms.
 - Diagnosis - provisional & final
 - Investigations
 - Complications & prognosis.
 - Management: - Medical or Surgical
 - Aims and objectives.
 - Drugs and Medications
 - Diet.
 - Nursing Management (Nursing Process approach)
 - Aims and objectives.
 - Assessment and specific observations.
 - Nursing diagnosis.
 - Nursing care plan (Short term & long term with rationale.)
 - Implementation of nursing care with priority.
 - Health teaching., rehabilitation , preventive aspects of disease
 - Day to day progress report & evaluation.- can be changed as prognosis of patient
 - Discharge planning.
 - Drug Study.
 - Research evidence.
 - Summary and conclusion.
 - Bibliography.
- **PROFORMA & GUIDELINE FOR CASE PRESENTATION**
- Patient Biodata
 - Name, Age, Sex, Religion, Marital status, Occupation, Source of health care, Date of admission, Provisional Diagnosis, Date of surgery if any.
 - Presenting complaints Describe the complaints with which the childpatient has been brought to the hospital.
 - Socio-economic status of the family: Monthly income, expenditure on health, food, education etc.
 - History of Illness (Medical & Surgical)
 - History of present illness – onset, symptoms, duration, precipitating/aggravating factors
 - History of past illness surgery, allergies, medications etc.
 - Family history – Family tree, history of illness in the family members, risk factors, congenital problems, psychological problems etc.
 - Diagnosis: (Provisional & confirmed). Description of disease: Includes the followings
-

- Definition.
 - Related anatomy and physiology

 - Etiology & risk factors
 - Path physiology
 - Clinical features.

 - Physical Examination of Patient (Date & Time)
 - Physical examination: with date and time.
 - Clinical features present in the book Present in the patient

 - Investigations
 - Date Investigation done Results Normal Value Inferences- interpretation of the results

 - Management - (Medical /Surgical)
 - Aims of management
 - Objectives of Nursing Care Plan

 - Treatment:
 - Sr. No Drug (Pharmacological name) Dose Frequency/ Time Action Side effects & drug reaction Nurse's responsibility
 - Medical or Surgical Management.
 - Nursing management

 - Nursing Care Plan: Short Term & Long Term plan.
 - Assessment Nursing
 - Diagnosis
 - Objective Plan of care
 - Rationale Implementation Evaluation

 - Discharge planning: It should include health education and discharge planning given to the patient.
 - Prognosis of the patient: evidence based management
 - Summary of the case:
 - References

 - **Notations on the following**
 - Various activities of students need to be mentioned against each subject with description for evaluation and mark allotment
 - Nursing management does not come under 1st year
 - Research dissertation is not mentioned
 - Course duration and spread of course activities
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- Examination pattern with hours and mark allocation
- Pattern of internal assessment and allocation of marks
- Rules and regulations for students / university
- Leave allocation of students
- Requirements of college – physical, manpower, source of money , budget
- Requirements of laboratory

Course Outcomes:

- Designed to assist students in developing expertise and in-depth understanding in the field of oncology Nursing.
- Develop advanced skills for Nursing intervention in various oncological conditions.
- Enable the student to function as oncology nurse practitioner/specialist and provide quality care.