

Department of Nursing
Sciences

SYLLABUS

FOR

Master of Science in Nursing
M.Sc. (N)

P.T.M.

D

Dr. Anjali



SCHOOL OF NURSING AND PARAMEDICAL SCIENCE

Eklavya University

Master of Science in Nursing

M.Sc. (N)

Curriculum

(2020-2021 admitted students)

Master of Science in Nursing

VISION STATEMENT OF EKLAVYA UNIVERSITY

Eklavya University, will transform lives and communities through learning.

MISSION STATEMENT OF EKLAVYA UNIVERSITY

- Nurture achievers in life and careers through a value based, industry relevant and futureready education.
- Emphasize research, interdisciplinary learning, and practical hands on education.
- Equip every student with the required social and technical skills to achieve employment generation.
- Provide a holistic education deeply rooted in the ways of the traditional Gurukul system.
- Bring quality education within the reach of every individual, by committing to the achievement and maintenance of excellence in education, research and innovation.
- Create and disseminate knowledge through research and creative inquiry.
- Serve students by teaching them problem solving, leadership and teamwork skills, lateral thinking, commitment to quality and ethical behaviour.
- Create a diverse community, open to the exchange of ideas, where discovery, creativity, and personal and professional development is encouraged and can flourish.
- Contribute to the social fabric and economic health of the Bundelkhand region, the state and the country at large, by enhancing and facilitating economic empowerment, providing equal opportunities and employment generation.







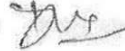
Master of Science in Nursing

VISION STATEMENT OF DEPARTMENT

Transforming life through excellence in education and research

MISSION STATEMENT OF DEPARTMENT

Nursing school's mission is to develop health system in India. Innovative globally competitive and socially responsible leaders.



Master of Science in Nursing

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Master course is designed for students desirous of taking up careers in nursing field. On completion of the 2 year M.Sc. Nursing programme, the graduates will be able to apply the concepts, theories and principles of nursing science. Demonstrate competencies in nursing practice. Practice as Clinical Nurse Specialist. Establish collaborative relationship with the members of other disciplines. Assume leadership in various care settings. Participate in health planning, implementation and evaluation at different levels of health care system. Function as effective nurse educators and nurse managers. Conduct independent nursing research and utilize the research findings in nursing practice and education. Critically evaluate various educational programmes in nursing. Demonstrate interest and positive attitude in continuing education for personal and professional growth.

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Master of Science in Nursing

PROGRAMME OUTCOMES (POs)

Programme outcome on completion of the two years M.Sc. Nursing programme, the graduate will be able to:-

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

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Master of Science in Nursing

PROGRAMME SPECIFIC OUTCOMES

(PSOs)

The key outcomes planned in this postgraduate programme in Master of Science in Nursing are underpinned as follows:

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

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







SCHOOL OF NURSING AND PARAMEDICAL SCIENCE

Master of Science in Nursing

DETAILED CURRICULUM

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Scheme of Examination

1st year M.Sc. Nursing

1 st year	Course code	Theory			Practical			Total
		Hours	Internal	External	Hours	Internal	External	
Nursing education	MNURS20Y101	3	25	75		50	50	200
Advanced nursing practice	MNURS20Y102	3	25	75				100
Nursing Research and statistics	MNURS20Y103	3	25**	75*				100
Clinical speciality - I		3	25	75		100	100	300
Medical Surgical Nursing - I	MNURS20Y104	-	-	-	-	-	-	-
Child Health Nursing	MNURS20Y105	-	-	-	-	-	-	-
Mental Health Nursing	MNURS20Y106	-	-	-	-	-	-	-
Community Health Nursing - I	MNURS20Y107	-	-	-	-	-	-	-
Obstetric and Gynaecological Nursing	MNURS20Y108	-	-	-	-	-	-	-
							Total	700

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NURSING EDUCATION

COURSE DESCRIPTION:

This course is designed to assist students to develop a broad understanding of Fundamental Principles, concepts, 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.

Year	1 st year	
Subject	Nursing Education	
Time	Total: 300Hours (Theory: 150Hours Practical: 150Hours)	
Course code	Nursing Education	
MNURS20Y101		
Pre-requisite	Nil	Syllabus version
Course Objectives:		
<p>Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.</p> <p>Describe the teaching learning process.</p> <p>Prepare and utilize various instructional media and methods in teaching learning process.</p> <p>Demonstrate competency in teaching, using various instructional strategies.</p> <p>Critically analyze the existing nursing educational programs, their problems, issues and future trends.</p> <p>Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.</p> <p>Plan and conduct continuing nursing education programs.</p> <p>Critically analyze the existing teacher preparation programs in nursing.</p> <p>Demonstrate skill in guidance and counseling.</p> <p>Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.</p> <p>Explain the development of standards and accreditation process in nursing education programs.</p> <p>Identify research priorities in nursing education.</p> <p>Discuss various models of collaboration in nursing education and services.</p> <p>Explain the concept, principles, steps, tools and techniques of evaluation</p> <p>Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude.</p>		

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Course Outcome:

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 methodology of curriculum change, 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.

Student Learning Outcomes (SLO):

On completion of the course, the student will be able to:

Understand the concepts and constructs of theoretical basis of nursing education and critically analyze different theories of nursing and other disciplines.

An ability to apply knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline.

Units	Hours		Content
	Theory	Practical	
1	10		INTRODUCTION: Education :Definition, aims, concepts, philosophies & their education implications, Impact of Social, economical, political & technological changes on education, Professional education, Current trends and issues in education, Educational reforms and National Educational policy, various educational commissions-reports, Trends in development of nursing education in India, Traditional and liberal movement in education, Freedom and authority in education, Agencies of education.

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II	20	30	TEACHING-LEARNING PROCESS: Concepts of teaching and learning: Definition, theories of teaching and learning, relationship between teaching and learning, Educational aims and objectives; types, domains, 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 need and importance, formats, Instruction strategies: Lecture, discussion, demonstration, simulation, laboratory, seminar, panel, symposium, problem solving, problem based learning (PBL), workshop, project, role-play(sociodrama), programmed instruction, self directed learning(SDL), micro teaching, computer assisted instruction(CAI), computer assisted learning (CAL), Innovative Teaching Strategy, Clinical teaching methods.
III	10	10	INSTRUCTIONAL MEDIA AND METHODS: Key concepts in the selection and use of media in education, Developing learning resource material using different media, Instructional aids - types, uses, selection, preparation, utilization, Teacher's role in procuring and managing instructional Aids - Project and non-projected aids, multimedia, video- tele-conferencing etc.
IV	10		MEASUREMENT AND EVALUATION: Concept and nature of measurement and evaluation, meaning, process, purposes, problems in evaluation and measurement, Measurement of cognitive, affective and psychomotor domain, Principles of assessment, formative and summative assessment- internal assessment external examination, advantages and disadvantages, Criterion and norm referenced evaluation.
V	10	12	STANDARDIZED AND NON-STANDARDIZED TESTS : meaning, characteristics, objectivity, validity, reliability, usability, norms, construction of tests-essay, short answer questions and multiple choice questions, rating scales, checklist, 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.
VI	8	7	ADMINISTRATION, SCORING AND REPORTING: administering a test; scoring, grading versus marks, objective tests, scoring essay test, methods of scoring, item analysis.
VII	10	10	STANDARDIZED TOOLS: tests of intelligence aptitude, interest, personality, achievement, socio-economic status scale, tests for special mental and physical abilities and disabilities.

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VIII	5	8	NURSING EDUCATIONAL PROGRAMS: perspectives of nursing education: global and national, patterns of nursing education and training programmes in india. Non-university and university programs: anm, gnm, basic b.sc. Nursing, post certificate b.sc. Nursing, m.sc. (n) Programs, m.phil and ph.d) in nursing, post basic diploma programs, nurse practitioner programs.
IX	10	25	CONTINUING EDUCATION IN NURSING: concepts-definition, importance, need scope, principles of adult learning, assessments of learning needs, priorities, resources, program planning, implementation and evaluation of continuing education programs, research in continuing education, distance education in nursing.
X	10	15	CURRICULUM-DEVELOPMENT: definition, curriculum determinants, process and steps of curriculum development, curriculum models, types and framework, formulation of philosophy, objectives, selection and organization of learning experiences; master plan, course plan, unitplan, evaluation strategies, process of curriculum change, role of students, faculty, administrators, statutory bodies and other stake holders, equivalency of courses: transcripts, credit system.
XI	7	6	TEACHER PREPARATION: teacher roles & responsibilities, functions, characteristics, competencies, qualities, preparation of professional teacher, organizing professional aspects of teacher preparation programs, evaluation: self and peer, critical analysis of various programs of teacher education in india.
XII	10	8	GUIDANCE AND COUNSELING: Concept, principles, need, difference between guidance and counseling, trends and issues, Guidance and counseling services: diagnostic and remedial, Coordination and organization of services, Techniques of counseling: Interview, case work, characteristics of counselor, problems in counseling, Professional preparation and training for counseling.
XIII	15	13	ADMINISTRATION OF NURSING CURRICULUM: Role of curriculum coordinator-planning, implementation and evaluation, Evaluation of educational programs in nursing course and program, Factors 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.
XIV	10		MANAGEMENT OF NURSING EDUCATIONAL INSTITUTIONS: Planning, organizing, staffing, budgeting, recruitment, discipline, public relation, performance appraisal, welfare services, library services, hostel.

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XV	5	6	STANDARDS & ACCREDITATION: Development & maintenance of standards & accreditation in nursing education programs, Role of Indian Nursing Council, State Registration Nursing Councils, Boards and University, Role of Professional associations and unions.
# Mode: Lecture cumdiscussion, Demonstration/ Returndemonstration, Seminar /Presentations, Projectwork, Fieldvisits, Workshop.			
Suggested Reading:			
<p>S. Narayana Rao, Educational Psychology, Wiley eastern Ltd, Edition, New Delhi.</p> <p>Charles. E. Skinner, Educational Psychology, 4th Edition, Printice Hall of India New Delhi</p> <p>S.K.Kochhar, Guidance and Counseling in Colleges and Universities, Revised Edition, Sterling Publishers, New Delhi.</p> <p>Bipin Asthana R.N.Agrawal, Measurement and Evaluation in Psychology and Education, Latest Edition, Vinod Pustak Mahal, Agra.</p> <p>Malla Reddy Mamidi, S. Rvisankar Curriculum Development and educational Technology, Latest Edition, Sterling Publishers, New Delhi.</p> <p>Jagannath Mohanthy, Indian Education in the emerging Society, Latest Edition, Sterling Publishers, New Delhi.</p> <p>Roberth. F. Biechler, Jack Snowman, Psychology Applied to Teaching, 7th Edition, Houston Mifflinco, Dallas.</p> <p>R.N.Safaya, C.S. Shukla, B.D.Bhatia, Modern Educational Psychology, 9th edition, Dhanpat Rai Publishing Company, New Delhi.</p> <p>K.K. Bhatia, Measurement and Evaluation in Education, Latest edition, Prakash Brothers Ludhiana. Mc Graw Hill Co, New York.</p> <p>Richard I Arends, Learning to teach, 3rd Edition, Mc Graw Hill Co, New York.</p> <p>Billings D M, Halstead J A (2009) Teaching in Nursing, A guide for faculty, USA, Saunders ELSEVIER.</p> <p>Mayor B A & Wittman R A (2008) Nursing Education, Foundations for Practice Excellence, New Delhi, Jay Pee.</p> <p>Aggarwal J C (1996) Essentials of Educational Technology-Innovations in Education, New Delhi, Vikas Publishing House.</p> <p>Quinn M Francis (1995) Principles & Practice of Nurse Education, London, Champann & Hall.</p> <p>Aggarwal J C (2001) Theory & Principles of Education New Delhi, Vikas Publishing house PVT Ltd. Bevis E O (1982) Curriculum Builders in Nursing, St. Louis, C. V Mosby Company.</p> <p>Aggarwal J C (2008) Development & Planning of Modern Education, New Delhi, Vikas Publishers PVT Ltd.</p> <p>Emerson R J (2007) Nursing Education in the clinical setting, St. Louis, Mosby.</p> <p>Young. E & Peterson B. L (2007) Teaching Nursing Developing a student centered environment New York, Lippincott.</p> <p>Devi E S (2006) Manipal manual of Nursing Education New Delhi, CBS Publishers & Distributors.</p> <p>Singh T Etal (2009) Principles of Medical Education New Delhi, Jaypee.</p> <p>Clement, Textbook on Communication & Educational Technology.</p> <p>Barbare A Moyer and Ruth a Wittman, Nursing Education, Foundation for practice Excellence, Jaypee Brothers.</p> <p>Bistable S B (2010), —Nurse as EducatorI, New Delhi, Jones and Bartlett Publishers.</p> <p>Iwasiv C Letal(2010). —Curriculum development in Nursing EducationI, New Delhi, Bartlett Publishers.</p>			

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ACTIVITIES:

- ✓ Framing philosophy, aims and objectives.
- ✓ Lesson Planning.
- ✓ Microteaching-2.
- ✓ Conduct practice teachings using different teaching strategies -10 (like lecture cum discussion, demonstration- lab method, field trips, seminars, project, role play, panel discussion, clinical method etc)
- ✓ Preparation and utilization of instructional Aids using different media.
- ✓ Develop course plans, unit plans, rotation plans.
- ✓ Conduct a continuing education workshop.
- ✓ Annotated bibliography.
- ✓ Critical evaluation of any nursing education program offered by a selected institution.
- ✓ Planning and Organizing field visits.
- ✓ Educational visits.
- ✓ Field visits (INC/SNRC) to get familiar with recognition/registration process.
- ✓ Construct, administer 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 & mental disability tests.)

METHODS OF EVALUATION:

- ✓ Tests
- ✓ Presentation
- ✓ Projectwork
- ✓ Written assignments

INTERNAL ASSESSMENT

Techniques	Weightage
Test- (2 tests)	50
Assignment	25
Seminar/presentation	25

	100

Practical – Internal assessment

Learning resource material	25
Practice Teaching	50
Conduct Workshop /Short Term Course	25

Practical – external assessment

Practice teaching-1-	50
Preparation/use of learning resource material-1	25
Construction of tests/rotation plan.	25

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ADVANCE NURSING PRACTICE

COURSE DESCRIPTION:

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

Year	1 st year	
Subject	Advance Nursing Practice	
Time	Total: 350Hours (Theory: 150Hours Practical: 200Hours)	
Course code	Advance Nursing Practice	
MNURS20Y102		
Pre-requisite	Nil	Syllabus version
Course Objectives:		
At the end of the course the students will be able to:		
<ol style="list-style-type: none"> 1. Appreciate and analyze the development of nursing as a profession. 2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice. 3. Explain bio- psycho- social dynamics of health, life style and health care delivery system. 4. Discuss concepts, principles, theories, models, 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 on the basis of advance nursing practice. 8. Perform extended and expanded role of nurse. 9. Describe 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 and nursing practice. 13. Appreciate importance of self development and professional advancement. 		
Course Outcome:		
<ol style="list-style-type: none"> 1. Appreciate and analyze the development of nursing as a profession. 2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice. 3. Explain bio-psycho-social dynamics of health, life style and health care delivery system. 4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application. 		

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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 advance nursing practice.
8. Perform extended and expanded role of nurse.
9. Describe 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 and nursing practice.
13. Appreciate importance of self development and professional advancement.

Student Learning Outcomes (SLO):

On completion of the course, the student will be able to:

1. Understand the concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

Units	Hours	Content
I	10	NURSING AS A PROFESSION: History of development of nursing profession, characteristics, criteria of the profession, perspective of nursing profession national, global, Code of ethics (INC), code of professional conduct (INC), autonomy and accountability, assertiveness, visibility of nurses, legal considerations, Role of regulatory bodies, Professional organizations and unions-self defense, individual and collective bargaining, Educational preparations, continuing education, career opportunities, professional advancement & role and scope of nursing education, Role of research, leadership and management, Quality assurance in nursing (INC), Futuristic nursing.
II	5	HEALTH CARE DELIVERY: Health care environment, economics, constraints, planning process, policies, political process vis a vis nursing profession, Health care delivery system- national, state, district and local level, Major stakeholders in the health care system-Government, non-govt. Industry and other professionals, Patterns of nursing care delivery in India, Health care delivery concerns, national health and family welfare programs, inter-sectoral coordination, role of non governmental agencies, Information, education and communication (IEC), Tele-medicine.
III	10	GENETICS: Review of cellular division, mutation and law of inheritance, human genome project, The Genomic era, Basic concepts of Genes, Chromosomes & DNA, Approaches to common genetic disorders, Genetic testing – Basis of genetic diagnosis, Pre symptomatic and predisposition testing, Prenatal diagnosis & screening, Ethical, legal & psychosocial issues in genetic testing, Genetic counseling, Practical application of genetics in-nursing.
IV	10	EPIDEMIOLOGY: History, Scope, Aim epidemiological approach and methods, Morbidity, mortality, Concepts of causation of diseases and their screening, Application of epidemiology in health care delivery, Health surveillance and health informatics, uses of epidemiology, Role of nurse.

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V	20	BIO-PSYCHO SOCIAL PATHOLOGY: Patho-physiology and Psychodynamics of disease causation, Life processes, homeostatic mechanism, biological and psycho-social dynamics in causation of disease, life style, Common problems: Oxygen insufficiency, fluid and electrolyte imbalance, nutritional problems, hemorrhage and shock, altered body temperature, unconsciousness, sleep pattern and its disturbances, pain, sensory deprivation, Treatment aspects: Pharmacological and pre- post operative care aspects, Cardio pulmonary resuscitation End of life Care, Infection prevention (including HIV) and standard safety measures, bio-medical waste management.
VI	20	PHILOSOPHY AND THEORIES OF NURSING: Values, Conceptual models, approaches, Nursing theories: Nightingale's, Henderson's, Roger's, Peplau's, Abdella's, Lewine's, Orem's, Johnson's, King's, Neuman's, Roy's, Watson parsee, etc and their applications, Health belief models, communication and management, etc. Concept of Self health, Evidence based practice model.
VII	10	NURSING PROCESS APPROACH: Health Assessment- approaches, illness status of patients/clients (Individuals, family, community), Identification of health illness problems, health behaviors, signs and symptoms of clients, Methods of collection, analysis and utilization of data relevant to nursing process, Nursing Diagnosis, Planning, Formulation of nursing care plans, health goals, implementation, modification and evaluation of care, Theory application in nursing process.
VIII	30	PSYCHOLOGICAL ASPECTS AND HUMAN RELATIONS: Human behavior, Life processes & growth and development, personality development, defense mechanisms, Communication, interpersonal relationships, individual and group, group dynamics, and organizational behavior, Basic human needs, Growth and development, (Conception through preschool, School age through adolescence, Young & middle adult, and Older adult), Sexuality and sexual health, Stress and adaptation, crisis and its intervention, Coping with loss, death and grieving, Principles and techniques of Counseling.
IX	10	NURSING PRACTICE: Framework, scope and trends, Alternative modalities of care, alternative systems of health and complimentary 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 healthcare, Independent practice issues, Independent nurse-midwifery practitioner, Collaboration issues and models-within and out side nursing, Models of Prevention, Family nursing, Homenursing, Gender sensitive issues and women empowerment, Disaster nursing, Geriatric considerations in nursing, Evidence based nursing practice- Best practices, Trans-cultural nursing, Innovations in nursing.
X	25	COMPUTER APPLICATIONS FOR PATIENT CARE DELIVERY SYSTEM AND NURSING PRACTICE: 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># Mode: Lecture cum discussion, Seminar, Panel discussion, Debate, Case Presentations, Exposure to scientific conferences, Field visits.</p>		

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Suggested Reading:

- ✓ Moyet Carpenito, Nursing Diagnosis. Lippincott. Latest edn .
- ✓ Tucker, Susan Martin etal. Patient Care Standards. Latest edn . Mosby.
- ✓ Guyton etall, Textbook of Medical Physiology. Latest edn . Saunders.
- ✓ Gordin ,Janet W. Nursing Diagnosis. Latest edn Jones and Bartlett Publishers.
- ✓ Anne M Barker, Advance Practice Nursing edited by Anne M Barker, Johns and Bartlett Publishers, New Delhi
- ✓ Lemone, Lillis, Taylor, Fundamentals of Nursing —Latest edn .
- ✓ Wilson, Jennie —Infection control in Clinical Practice —. Latest edn Bailliere Tindal.
- ✓ Ciliska ,Dicenso ,Guyatt . Evidence -based Nursing. Elsevier .
- ✓ Speakman, Alizabeth , Body fluids and electrolytes. Latest edn .
- ✓ BerMn, Snyder, Kozier, erb, —Fundamentals of Nursing, —Latest edn .
- ✓ Ann Marriner Tomey, —Nursing Theorist and Their Workl, Latest edn, Mosby, Elsevier.
- ✓ Martha Raila Alligood, Ann Marriner Tomey, —Nursing Theory Utilization & Application, Elsevier.
- ✓ Dee Mc Gonigle, Kathleen Matriau,, —Nursing Informatics & Foundations of Knowledge, Jones & Bartlett Publishers New delhi. 29
- ✓ Cathelene Masters, —Role development in Professional Nursing Practicel, Jones & Bartlett Publishers Boston.
- ✓ Janie B Butts Karen L Rich, —Nursing ethics across the curriculum and into practicel.
- ✓ Lewis, Heitkemper, Dirksen O Brien Brocher, —Medical Surgical Nursing, Latest edn, Mosby Publishers.

PRACTICAL:

Clinical posting in the following areas:

- ✓ Specialty area-in-patient unit - 2weeks
- ✓ Community health center/PHC - 2weeks
- ✓ Emergency/ICU - 2weeks



Activities

- ✓ Prepare Case studies with nursing process approach and theoretical basis
- ✓ Presentation of comparative picture of theories
- ✓ Family case- work using model of prevention
- ✓ Annotated bibliography
- ✓ Report of field visits(5)

Methods of evaluation:

- ✓ Tests
- ✓ Presentation
- ✓ Seminar
- ✓ Written assignments

ADVANCE NURSING PROCEDURES

Definition, Indication and nursing implications;

⇒ CPR, TPN, Hemodynamic monitoring, Endotracheal intubation, Tracheotomy, mechanical ventilation, Pacemaker, Hemodialysis, Peritoneal dialysis, LP, BTP, leural and abdominal paracentesis, OT techniques, Health assessment, Triage, Pulse oxymetry.

Internal Assessment

Techniques	Weightage
Test-(2tests)	50
Assignment	25
Seminar/presentation	25
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NURSING RESEARCH AND STATISTICS

Part-A : Nursing Research

COURSE DESCRIPTION:

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.

Year	I st year	
Subject	Nursing Research	
Time	Total: 150Hours (Theory: 100Hours Practical: 50Hours)	
Course code	Nursing Research	
MNURS20Y103		
Pre-requisite	Nil	Syllabus version

Course Objectives:

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

1. Define basic research terms and concepts and ethics in Nursing Research.
2. Review literature utilizing various sources.
3. Describe the various research approaches and designs.
4. Formulate problem statement.
5. Develop theoretical / conceptual framework.
6. Use appropriate sampling methods.
7. Discuss various tools and techniques.
8. Validate the tool.
9. Conduct a research study.
10. Draw conclusions of the study.
11. Communicate research findings.
12. Utilize research findings
13. Critically evaluate nursing research studies.
14. Write scientific paper for publication.

Course Outcome:

1. Define basic research terms and concepts.
2. Review literature utilizing various sources.
3. Describe research methodology.

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4. Develop a research proposal.
5. Conduct of a research study.
6. Communicate research findings.
7. Utilize research findings.
8. Critically evaluate nursing research studies.
9. Write scientific papers for publication

Student Learning Outcomes (SLO):

At the end of the course the students will

- I. Acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan.

Units	Hours		Content
	Theory	Practical	
I	10		INTRODUCTION:- Methods of acquiring knowledge – Problem solving and scientific method, Research– Definition, characteristics, purposes, kinds of research, Historical Evolution of research in nursing, Basic research herms, Scope of nursing research: areas, problems in nursing, health and social research, Concept of evidence based practice, Ethics in research , Overview of Research process.
II	5	5	REVIEW OF LITERATURE: - Importance, purposes, sources, criteria for selection of resources and steps in reviewing literature.
III	12		Research Approaches and designs:- Type: Quantitative and Qualitative, Historical, survey and experimental –Characteristics, types advantages and disadvantages, Qualitative: Phenomenology, grounded theory, ethnography.
IV	10	5	RESEARCH PROBLEM:- Identification of research problem, Formulation of problem statement and research objectives, Definition of terms, Assumptions and delimitations, Identification of variables, Hypothesis – definition, formulation and types.
V	5	5	DEVELOPING THEORETICAL/CONCEPTUAL FRAMEWORK: Theories: Nature, characteristics, Purpose and uses, Using, testing and developing conceptual framework, models and theories.
VI	6		SAMPLING: - Population and sample. Factors influencing sampling. Sampling techniques. Sample size. Probability and sampling error. Problems of sampling. Characteristics of a 'good sampling design.
VII	20	10	TOOLS AND METHODS OF DATA COLLECTION: Concepts of data collection, Data sources, methods/techniques quantitative and qualitative, Tools for data collection – types, characteristics and their development, Item analysis, Validity and reliability of tools, Pilot study, Procedure for data collection

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VIII	5		IMPLEMENTING RESEARCH PLAN: - Research plan (design), planning for data collection, administration of tool/interventions, and collection of data.
IX	10	10	ANALYSIS AND INTERPRETATION OF DATA: Plan for data analysis: quantitative and qualitative, Preparing data for computer analysis and presentation. Statistical analysis Interpretation of data, Conclusion and generalizations, Summary and discussion
X	10		REPORTING AND UTILIZING RESEARCH FINDINGS: - Communication of research results; oral and written Writing research report purposes, methods and style Vancouver, American Psychological Association (APA), Camp bell etc Writing scientific articles for publication: purposes & Style. Utilization of research findings.
XI	3	8	Critical analysis of research reports and articles.
XII	4	7	Developing and presenting a research proposal.
			# Mode: Lecture-cum-discussion, Seminar/Presentations, Project, Classroom exercises, Journal club

ACTIVITIES:

- ✓ Annotated Bibliography of research reports and articles.
- ✓ Review of literature of selected topic and reporting
- ✓ Formulation of problem statement, objective and hypothesis
- ✓ Developing theoretical/conceptual framework.
- ✓ Preparation of a sample research tool
- ✓ Analysis and interpretation of given data
- ✓ Developing and presenting research proposal
- ✓ Journal club presentation
- ✓ Critical evaluation of selected research studies
- ✓ Writing a scientific paper.

METHODS OF EVALUATION:

- ✓ Quiz, Tests (Term)
- ✓ Assignments/Term paper
- ✓ Presentations
- ✓ Project work

INTERNAL ASSESSMENT:

Techniques	Weightage (15marks)
Term Test (2 tests)	40%
Assignment	20%
Presentation	20%
Project work	20%
Total	100%

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Part –B: Statistics

Hours of Instruction

Theory	50Hours
Practical	50Hours
Total	100Hours

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.

Course code	Statistics	
MNURS20Y103		
Pre-requisite	Nil	Syllabus version

Course Objectives:

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

1. Discuss the basic concepts and scope of statistics related to health and Nursing.
2. Organize tabulate and present data meaningfully.
3. Use descriptive statistics to analyze the data.
4. Describe the probable methods to predict and interpret results.
5. Use various inferential statistical methods to predict and interpret results
6. Draw conclusions of the study and predict statistical significance of the results.
7. Establish reliability and scoring methods of the tool developed.
8. Describe vital health statistics and their use in health related research.
9. Explain the basic concepts related to statistics.
10. Use statistical packages by use of computers for data analysis.

Course Outcome:

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

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9. Describe vital health statistics and their use in health related research.			
10. Use statistical packages for data analysis.			
Student Learning Outcomes (SLO):			
At the end of the course the students will			
1. Acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan.			
Units	Hours		Content
	Theory	Practical	
I	7	4	INTRODUCTION:- Concepts, types, significance and scope of statistics, meaning of data, Sample, parameter Type and levels of data and their measurement Organization and presentation of data – Tabulation of data; Frequency distribution, Graphical and tabular presentations.
II	4	4	MEASURES OF CENTRAL TENDENCY:- Mean, Median, Mode
III	4	5	MEASURES OF VARIABILITY:- Range, Percentiles, average deviation, quartile deviation, standard deviation
IV	3	2	NORMAL DISTRIBUTION: Probability, characteristics and application of normal probability curve; sampling error.
V	6	8	MEASURES OF RELATIONSHIP:- Correlation–need and meaning, Rank order correlation; Scatter diagram method, Product moment correlation, and Simple linear regression analysis and prediction.
VI	5	2	DESIGNS AND MEANING:- Experimental designs, Comparison in pairs, randomized block design, Latin squares.
VII	8	10	SIGNIFICANCE OF STATISTIC AND SIGNIFICANCE OF DIFFERENCE BETWEEN TWO STATISTICS (TESTING HYPOTHESIS):- Non parametric test–Chi-square test, Sign, median test, Mann Whitney test. Parametric test –‘t’ test, ANOVA, MANOVA, ANCOVA. Advantage & disadvantages of non-parametric tests before Chi-square test. Mann Whitney’s “U” test, Mc nemer test, Fisher’s exact probability test.
VIII	5	5	USE OF STATISTICAL METHODS IN PSYCHOLOGY AND EDUCATION: - 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:- Vital & health statistics. Ratios, Rates, Trends.Vital health statistics – Birth and death rates. Measures related to fertility, morbidity and mortality.

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X	4	8	USE OF COMPUTERS FOR DATA ANALYSIS:- Use of statistical package. Use of computers in research.
# Mode Lecture-cum-discussion, Demonstration – on data organization, tabulation, calculation of statistics, use of statistical package, Classroom exercises, organization and tabulation of data.			
Suggested Reading: <ul style="list-style-type: none"> ✓ Burns. N. and Susan K Grove. Understanding Nursing Research building and evidence based practice, W B Saunders, St. Luis. ✓ Polit, D.F. and C T Beck. Nursing Research Generating and Assisting evidence for Nursing practice-Wolter Kluwer, New Delhi ✓ Wood, G.L. and Haber J. Nursing Research-methods and critical appraisal for evidence-based practice. Elsevier. ✓ C R Kothari. Research Methodology Methods and Techniques. New Age Publishers, New Delhi. ✓ Sunder Rao. P.S.S. Jesudian, G. and Richard, J. An introduction to Biostatistics a manual for students in health sciences. ✓ Rose A Utely. Theory and Research for Academy Nurse Educators Application to Practice, Jones and Bartlett Publishers. Boston ✓ Nola A. Schmidt, Janet M Brown. Evidence Based Practice for Nurses Appraisal and Application of Research, Jones and Bartlett Publishers, New Delhi. ✓ Marylynn J Wood, Jannet C Ross Kerr. Basic Steps in Planning Nursing Research from question to Proposal, Jones and Bartlett Publishers, New Delhi. ✓ Mahajan. Methods in Biostatistics. Jaypee Brothers 			

ACTIVITIES:

- ✓ Exercises on organization and tabulation of data,
- ✓ Graphical and tabular presentation of data
- ✓ Calculation of descriptive and inferential statistics (chi square, t-test, correlation)
- ✓ Practice in using statistical package
- ✓ Computing vital health statistics

METHODS OF EVALUATION:

- ✓ Quiz, Tests (Term)
- ✓ Classroom statistical exercises
- ✓ Presentations
- ✓ Project work

INTERNAL ASSESSMENT:

Techniques	Weightage (15marks)
Test (2 tests)	100%
Total	100%

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CLINICAL SPECIALITY – I
MEDICAL SURGICAL NURSING

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.

Year	1st Year	
Subject	Medical Surgical Nursing	
Time	Total 800Hours (Theory 150Hours Practical 650Hours)	
Course code	Clinical Specialty-I MSN	
MNURS20Y104		
Pre-requisite	Nil	Syllabus version
Course Objectives:		
<p>At the end of the course the students will be able to:</p> <ol style="list-style-type: none"> 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. 		

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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 under graduate nursing students & in-service nurses.

Course Outcome:

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 disorders 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 system 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 medical surgical health team.
14. Teach medical surgical nursing to undergraduate nursing students and in-service nurses

Student Learning Outcomes (SLO):

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

1. Integrate evidence, clinical judgment, inter-professional perspectives, and patient preferences in planning, implementing, and evaluating outcomes of care.
2. Demonstrate skills in using patient care technologies, information systems, and communication devices that support safe, effective nursing practice.

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Units	Hours	Content
I	5	INTRODUCTION: -Historical development of Medical-Surgical Nursing in India. Current concept of health. Trends & issues in Medical – Surgical Nursing. Ethical & cultural issues in Medical – Surgical Nursing. National health policy, special laws & ordinances relating to older people. National health programs related to adult health.
II	20	HEALTH ASSESSMENT OF PATIENTS: - History taking. Physical examination of various systems. Nutritional assessment. Related investigations and diagnostic assessment
III	5	CARE IN HOSPITAL SETTINGS: - 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.
IV	10	MANAGEMENT OF PATIENTS WITH DISORDERS OF GASTRO INTESTINAL TRACT: - 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	MANAGEMENT OF PATIENTS WITH DISORDERS OF NERVOUS SYSTEM: -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.
VI	10	MANAGEMENT OF PATIENTS WITH DISORDERS OF RESPIRATORY SYSTEM: - 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.
VII	10	MANAGEMENT OF PATIENTS WITH DISORDERS OF CARDIO VASCULAR SYSTEM: - 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.
VIII	5	MANAGEMENT OF PATIENTS WITH DISORDERS OF BLOOD: - Review of Anatomy and physiology. Common Disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis. Health assessment - History taking, physical examination,

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		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: - 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.
X	10	MANAGEMENT OF PATIENTS WITH DISORDERS OF ENDOCRINE SYSTEM: 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.
XI	10	MANAGEMENT OF PATIENTS WITH DISORDERS OF MUSCULO-SKELETAL SYSTEM:- 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.
XII	8	MANAGEMENT OF PATIENTS WITH DISORDERS OF INTEGUMENTORY SYSTEM:- 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.
XIII	5	MANAGEMENT OF PATIENTS WITH DISORDERS OF EYE AND ENT:- 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.
XIV	8	MANAGEMENT OF PATIENTS WITH DISORDERS OF REPRODUCTIVE SYSTEM: - 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.

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XV	8	GERIATRIC NURSING:- 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 care givers 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	MANAGEMENT OF PATIENTS WITH COMMUNICABLE AND SEXUALLY TRANSMITTED DISEASES:- Review of immune system. Common Disorders of immune system – HIV/AIDS. Review of infectious disease process. Communicable Diseases- 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.
XVII	8	EMERGENCY, TRAUMA AND MULTI-SYSTEM ORGAN FAILURE:- DIC (disseminated intravascular coagulation) Trauma, burns, poisoning 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.
# ModeLecture-cum-discussion, Procedures, Demonstration, Classroom exercises, Seminar/Presentations.		
Suggested Reading: <ul style="list-style-type: none"> ✓ Monahaa,Frances Donovan. 'phipp's Medical Surgical Nursing'.8th edn.Mosby. ✓ S.meltzer ,Suzanne.C _Brunner and Suddarth's Text book of Medical -surgical Nursing'.11th edn :Lippincott. ✓ Lewis. Medical Surgical Nursing Assessment & Management of Problems, 7th Edn. Mosby Publishers. ✓ Joyce M Black. Medical Surgical Nursing-Clinical Management for positivew outcomes, 7th Edn. Saunders, Missouri. ✓ Darovic ,Gloria Oblouk —Hemodynamic monitoringl W.B.Saunders 3rd edn. ✓ Barker,Ellen. 'Neuroscience Nursiing' 2nd edn. Mosby. ✓ Greene; —Netter's Orthopedicsl W.B.Saundersw ✓ Libby etal, —Braunwalds heart disease18th edn. Elsevier ✓ Jarvis, Carolyn. —Physical Examination and Health Assessmentl.5th edn.Saunders ✓ Sole,Mary Lou,' Introduction to critical care Nursing' 4th edn .Elsevier ✓ Albert,Richard K.etal ,clinical critical care Medicine.Mosby. ✓ Swash,Michael _Hutchison's clinical methods.saunders ,22nd edn. ✓ Ried,robin. 'Pathology illustrated _6th edn.Elsevier. 		

- ✓ Dave P.K. 'Emergency medical services and disaster management'. Jaypee.
- ✓ Floch, Martin H. et al. 'Netter's Gastro-entrolgy'. Icon learning systems.
- ✓ Wadia, Noshir H. 'Neurological practice'. Elsevier 45
- ✓ Mahur Ann B. 'Orthopedic Nursing' 3rd edn Saunders.
- ✓ Terrill Bobbee, Renal Nursing Ausmed publications.
- ✓ Kristian L Mauk. Gerontological Nursing, 2nd edn, Jones and Bartlett Publishers.
- ✓ Vinod K Sharma. Geriatric Care, Text Book of Geriatrics & Gerontology, III Edn, Viva Books.
- ✓ Phipps, Long, Wood. Shafers Medical Surgical Nursing. VII edn. B.I Publications, New Delhi.
- ✓ Gubney. Clinical Nutrition.
- ✓ Dhenagara. Diseases of Ear, Nose and Throat. IV Edn. Saunders.
- ✓ Muhammed Maqbool. Text book of Ear Nose Throat Diseases XI edn, Jaypee Publishers.
- ✓ H V Nema & Nitin Nema. Text Book of ophthalmology. 5th edn. Jaypee
- ✓ Rose Ann O' Shea. Principles & Practice of Trauma Nursing, I edn, Elsevier.
- ✓ Brigid Breckman. Stoma Care & Rehabilitation I edn, Elsevier.
- ✓ Sue Bale & Vanessa Jones. Wound Care Nursing. II edn, Mosby.
- ✓ Thomas O Habif. Skin disease Diagnosis & Treatment. II edn. Mosby.
- ✓ K V krishnadas., Text Book of Medicine, 5th edn, Jay pee.
- ✓ Nicholas A Boon et al. Davidson's Textbook of Medicine, 20th edn, Elsevier.
- ✓ Scott H Plantz, E John Wipfler NMS Emergency Medicine, II edn, Lippincott & Williams & Wilkins.

PRACTICAL:

Total = 660 Hours

1 Week = 30 Hours

S. No.	Dept/Unit	No. of Week	Total Hours
1	General Medical Ward	4	120 Hours
2	General Surgical Ward	4	120 Hours
3	ICUs	4	120 Hours
4	Oncology	2	60 Hours
5	Ortho	2	60 Hours
6	Cardio	2	60 Hours
7	Emergency Department	2	60 Hours
8	Neuro	2	60 Hours
	Total	22 Weeks	660 Hours

STUDENT ACTIVITIES:

- ✓ Clinical presentations
- ✓ History taking
- ✓ Health Assessment
- ✓ Nutritional Assessment
- ✓ Health Education related to disease conditions
- ✓ Casestudies, Projectwork, Fieldvisits

CLINICAL SPECIALTY-I
CHILD HEALTH (PAEDIATRIC) NURSING

COURSE DESCRIPTION:

This course is designed to assist students in developing expertise and in depth understanding in the field of Pediatric Nursing. It will help students to appreciate the child as a holistic individual and develop skill to function as neonatal and pediatric nurse specialist. It will further enable the student to function as educator, manager, and researcher in the field of Pediatric nursing.

Year	1st Year	
Subject	Child Health (Pediatric) Nursing	
Time	Total: 800Hours (Theory: 150Hours Practical: 650Hours)	
Course code	CLINICAL SPECIALITY-I (Child Health (Pediatric) Nursing)	
MNURS20Y105		
Pre-requisite	Nil	Syllabus version

Course Objectives:

- At the end of the course the students will be able to:
1. Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty.
 2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.
 3. Appreciate the child as a holistic individual.
 4. Perform physical, developmental, and nutritional assessment of pediatric clients.
 5. Apply nursing process in providing nursing care to neonates & children.
 6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.
 7. Recognize and manage emergencies in neonates.
 8. Describe various recent technologies and treatment modalities in the management of high risk neonates.
 9. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing.
 10. Prepare a design for layout and management of neonatal units.
 11. Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric/neonatal nursing.
 12. Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.

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13. Teach pediatric nursing to undergraduate students & in-service nurses.

Course Outcome:

1. Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty.
2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.
3. Appreciate the child as a holistic individual.
4. Perform physical, developmental, and nutritional assessment of pediatric clients.
5. Apply nursing process in providing nursing care to neonates & children.
6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.
7. Recognize and manage emergencies in neonates.
8. Describe various recent technologies and treatment modalities in the management of high risk neonates.
9. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing.
10. Prepare a design for layout and management of neonatal units.
11. Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing.
12. Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.
13. Teach pediatric nursing to undergraduate students & in-service nurses.

Student Learning Outcomes (SLO):

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

1. Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing.
2. Demonstrate skills in using patient care technologies, information systems, and communication devices that support safe, effective nursing practice.
3. Apply nursing process in providing nursing care to neonates & children.
4. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

Units	Hours	Content
I	10	INTRODUCTION: Historical development of Pediatrics and Pediatric Nursing in India; Current status of child health in India; Trends in Pediatrics and Pediatric Nursing, Ethical and cultural issues in pediatric care, Rights of children, National health policy for children, special laws and ordinances relating to children, National goals, Five year plans, National health programs related to child health.
II	10	ASSESSMENT OF PEDIATRIC CLIENTS: History taking, Developmental assessment, Physical assessment, Nutritional assessment, Family assessment.
III	10	HOSPITALIZED CHILD: Meaning of hospitalization of the child, preparation for hospitalization, effects of hospitalization on the child and family, Stressors and reactions related to developmental stages, play activities for ill hospitalized child, Nursing care of hospitalized child and family-principles and practices.

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IV	15	PRE-NATAL PEDIATRICS: Embryological and fetal development, Prenatal factors influencing growth and development of fetus, Genetic patterns of common pediatric disorders, chromosomal aberrations, genetic assessment and counseling legal and ethical aspects of genetic, screening and counseling role of nurse in genetic counseling, Importance of prenatal care and role of pediatric nurse.
V	15	GROWTH AND DEVELOPMENT OF CHILDREN: Principles of growth and development, Concepts and theories of growth and development, Developmental tasks and special needs from infancy to adolescence, developmental milestones, Assessment of growth and development of pediatric clients, Factors affecting growth and development.
VI	15	BEHAVIORAL PEDIATRICS AND PEDIATRIC NURSING: Parent child relationship, Basic behavioral pediatric principles and specific behavioral pediatric concepts/disorders - maternal deprivation, failure to thrive, child abuse, the battered child, Common behavioral problems and their management, Child guidance clinic.
VII	15	PREVENTIVE PEDIATRICS AND PEDIATRIC NURSING: Concept, aims and scope of preventive pediatrics, Maternal health and its influence on child health antenatal aspects of preventive pediatrics, Immunization, expanded program on immunization/ universal immunization program and cold chain, Nutrition and nutritional requirements of children, changing patterns of feeding, baby- friendly hospital initiative and exclusive breastfeeding, Health education, nutritional education for children, Nutritional programs, National and international organizations related to child health, Role of pediatric nurse in the hospital and community,
VIII	30	NEONATAL NURSING: New born baby- profile and characteristics of the new born, Assessment of the new born, Nursing care of the new born at birth, care of the new born and family, High risk newborn- pre term and term neonate and growth retarded babies, Identification and classification of neonates with infections, HIV & AIDS, Ophthalmia neonatorum, congenital syphilis, High risk new born- Identification, classification and nursing management, Organization of neonatal care, services (Levels), transport, neonatal, intensive care unit, organization and management of nursing services in NICU.
IX	30	IMNCI: (Integrated management of neonatal and childhood illnesses)
# Mode: Lecture-cum-discussion, Procedures, Demonstration, Classroom exercises, Seminar/Presentations.		

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Suggested Reading:

- ✓ Avery, Fletcher and Mac Donald (1999). Neonatology- Pathophysiology, Management of Newborn 5th edn. Lippincott Co.
- ✓ Behrman, Kliegman & Jenson (2004) Nelson Textbook of Pediatrics 18th edn.
- ✓ Edwards, Hertzberg, Haya & Youngblood (1999). Pediatric Rehabilitation Nursing, W.B Saunders Co.
- ✓ Ghai, Piyush and Paul (2006). Practical Pediatrics. 6th edn. CBS Publishers, New Delhi.
- ✓ Gupte, S.(2004). The Short Textbook of Paediatrics. 10th edn. Jaypee Brothers.
- ✓ Hockenbery, Wilson, Winkelstein & Kline(2004). Wong's Nursing Care of Infants and Children. 7th edn. Elsevier.
- ✓ Johnston, G.B (2000). The newborn Child- 9th edn. Churchill Livingstone.
- ✓ Joshi, N.C.(2007). Clinical Paediatrics. Elsevier Pvt. Ltd.
- ✓ Kulkarni, M.L (2005). Clinical Methods in Paediatrics- Physical examination of children. Vol. 1,2,&3, Jaypee brothers.
- ✓ Lissauer & Clayden (2007). Illustrated Textbook of Paediatrics. 3rd edn. 53
- ✓ Marlow & Redding (2008). Textbook of Pediatric Nursing. 6th edn. Saunders. Co.
- ✓ Robertson D.M & South, M(2000). The newborn Child- 9th edn. Churchill Livingstone.
- ✓ Skale, N.(1999). Manual of Pediatric Nursing Procedures. J.B. Lippincott Co.
- ✓ Williams, C& Asquith, J.(2000). Paediatric Intensive Care Nursing. 2nd Edn. Churchill livingstone
- ✓ Wong, D.L (2005). Whaley & Wong's Nursing care of Infants and Children 7th Edn. Mosby Co.

PRACTICAL:

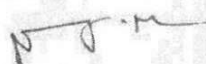
Total = 660Hours

1 Week = 30Hours

S. No.	Department / Unit	No. of Week	Total Hours
1	Pediatric Medicine Ward	4	120 Hours
2	Pediatric Surgery Ward	4	120 Hours
3	Labor Room/Maternity Ward	2	60 Hours
4	Pediatric OPD	2	60 Hours
5	Neonatal Intensive Care Unit	4	120 Hours
6	Creche	1	30 Hours
7	Child Guidance Clinic	1	30 Hours
8	Community	4	120 Hours
Total		22Weeks	660 Hours.

STUDENT ACTIVITIES:

- ✓ Clinical presentations
- ✓ Growth & developmental assessment
- ✓ Assessment & prescription of nursing interventions for sick children
- ✓ Health education related to disease conditions
- ✓ Nutritional assessment
- ✓ Project work
- ✓ Field visits.




CLINICAL SPECIALITY – I
MENTAL HEALTH (PSYCHIATRIC) NURSING

COURSE DESCRIPTION:

This course is designed to assist students in developing expertise and in depth understanding in the field of Psychiatric Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function psychiatric nurse specialist. It will further enable the student to function as educator, manager and researcher in the field of Psychiatric nursing.

Year	1st Year	
Subject	Mental Health Nursing-I	
Time	Total 800Hours (Theory 150Hours Practical 650Hours)	
Course code	CLINICAL SPECIALITY-I (Mental Health Nursing-I)	
MNURS20Y106		
Pre-requisite	Nil	Syllabus version

Course Objectives:

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

1. Apply the nursing process in the care of patients with mental disorders in hospital and community.
2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders.
3. Identify and care for special groups like children, adolescents, women, and elderly, abused and neglected, people living with HIV/AIDS.
4. Identify and manage psychiatric emergencies.
5. Provide nursing care to critically ill patients with mental disorders.
6. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders.
7. Demonstrate skills in carrying out crisis intervention.
8. Appreciate the legal and ethical issues pertaining to psychiatric nursing.
9. Identify areas of research in the field of psychiatric nursing.

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10. Prepare a design for layout and describe standards for management of Psychiatric units/emergencyunits/hospitals.
11. Teach psychiatric nursing to undergraduate students & in-service nurses.

Course Outcome:

1. Appreciate the trends and issues in the field of psychiatry and psychiatric nursing.
2. Explain the dynamics of personality development and human behavior.
3. Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing.
4. Demonstrate therapeutic communication skills in all interactions.
5. Demonstrate the role psychiatric nurse practitioner in various therapeutic modalities.
6. Establish and maintain therapeutic relationship with individual and groups.
7. Use assertive techniques in personal and professional actions.
8. Promote self-esteem of clients, others and self.
9. Apply the nursing process approach in caring for patients with mental disorders.
10. Describe the psychopharmacological agents, their effects and nurses role.
11. Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team.
12. Describe various types of alternative system of medicines used in psychiatric settings.
13. Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing.

Student Learning Outcomes (SLO):

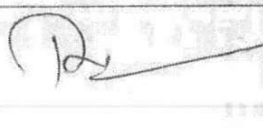
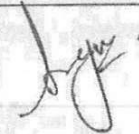
At the end of the course the students will be able to-

1. Describe the concept of mental health and mental illness and the emerging trends in psychiatric nursing.
2. Explain the causes and factors of mental illness, its prevention and control.
3. Identify the symptoms and dynamics of abnormal human behaviour in comparison with normal human behavior. Demonstrate a desirable attitude and skills in rendering comprehensive nursing care to the mentally ill.

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Units	Hours	Content
I	15	INTRODUCTION: Mental Health and Mental Illness, Historical perspectives, Trends, issues and magnitude, Contemporary practices, Mental health laws/Acts, National mental health program -National mental health, authority, state mental health authority, Human rights of mentally ill, Mental Health/ Mental Illness Continuum, Classification of mental illnesses-ICD, DSM, Standards of Psychiatric nursing, Challenges and Scope of psychiatric nursing, Multi-disciplinary team and role of nurse Role of psychiatric nurse-extended and expanded.
II	10	CONCEPTS OF PSYCHOBIOLOGY: The Nervous System:An Anatomical Review, The Brain and limbic system, Nerve Tissue, Autonomic Nervous system, Neurotransmitters, Neuroendocrinology, Pituitary, Thyroid Gland, Circadian Rhythms, Genetics, Neuro psychiatric disorders, Psychoimmunology, Normal Immune response, Implications for psychiatric Illness, Implications for Nursing.
III	10	THEORIES OF PERSONALITY DEVELOPMENT AND RELEVANCE TO NURSING PRACTICE: Psychoanalytic Theory-Freud's, Interpersonal Theory-Sullivan's, Theory of Psychosocial Development-Erikson's, Theory of object relations, Cognitive Development Theory, Theory of Moral Development, A Nursing Model-Hildegard E. Peplau.
IV	5	STRESS AND ITS MANAGEMENT: An introduction to the concepts of stress, Psychological Adaptation to stress, Stress as a Biological Response, Stress as an Environmental Event, Stress as Transaction between the Individual and the Environment, Stress management.
V	10	THERAPEUTIC COMMUNICATION AND INTERPERSONAL RELATIONSHIP : Review communication process, factors affecting communication, Communication with individuals and in groups, Techniques of therapeutic communication-touch therapy, Barrier of communication with specific reference to psychopathology, Therapeutic attitudes, Dynamics of a therapeutic Nurse-client relationship; Therapeutic use of self Gaining self-awareness Therapeutic nurse-patient relationship its phases; Conditions essential to development of a therapeutic relationship.
VI	10	ASSERTIVE TRAINING: Assertive Communication, Basic Human Rights, Response Patterns, (Nonassertive Behavior, Assertive Behavior, Aggressive Behavior, Passive-Aggressive Behavior), Behavioral Components of Assertive Behavior, Techniques that Promote Assertive Behavior, Thought-Stopping Techniques Method, Role of The Nurse.
VII	15	PROMOTING SELF-ESTEEM: Components of Self-Concept, The Development of Self-Esteem, The Manifestations of Low Self-Esteem, Boundaries, Role of The Nurse, WOMEN AND MENTAL HEALTH: Normal reaction to conception, pregnancy and puerperium, Problems related to conception, pregnancy and puerperium and its management, Counselling – Premarital, marital and genetic.

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VIII	10	THE NURSING PROCESS IN PSYCHIATRIC/MENTAL HEALTH NURSING: Mental health assessment- History taking, mental status examination, Physical and neurological examination, Psychometric assessment, Investigations, Diagnosis and Differential diagnosis, Interpretation of investigations, Nurse's role, Nursing case management, Critical pathways of care, Documentation, Problem-oriented recording, Focus charting, The PIE method.
IX	35	PSYCHO SOCIAL AND PHYSICAL THERAPIES: Individual therapy Behavioral Therapy- Relaxation therapy, cognitive therapy, positive-negative reinforcement, bio-feedback, guided imagery, ab-reactive therapy, Group Therapy, Family Therapy, Milieu Therapy, The Therapeutic Community, Occupational therapy, Recreational therapy, Play therapy, Music therapy, Light therapy, Color therapy, Aroma therapy.
X	5	ELECTROCONVULSIVE THERAPY: Historical Perspectives, Indications, Contraindications, Mechanisms of Action, Side Effects, and Risks Associated with Electro convulsive Therapy, The Role of The Nurse in Electro convulsive Therapy.
XI	10	PSYCHO PHARMACOLOGY: Historical Perspectives, Role of a Nurse in Psychopharmacological Therapy, Antianxiety Agents, Antidepressants Agents, Mood stabilizers, Antipsychotics, Sedative-Hypnotics, Central Nervous System Stimulants, Future developments.
XII	15	ALTERNATIVE SYSTEMS OF MEDICINE IN MENTAL HEALTH: Types of Therapies, Herbal Medicine, Unani, Siddha, Homeopathic, Acupressure and Acupuncture, Diet and Nutrition, Chiropractic Medicine, Therapeutic Touch and Massage, Yoga, Pet Therapy.

ModeLecture-cum-discussion, Procedures, Demonstration, Classroom exercises, Seminar/Presentations, Psychiatric posting.

Suggested Reading:

- ✓ Stuart W G and Laraia T M .Principles and Practice of Psychiatric Nursing (Latest edition). Mosby publications.
- ✓ Kneisl C R and Wilson H S. Psychiatric Nursing (Latest edition), Addison-Wesley nursing publications.
- ✓ Burgess Ann Wolbert. (Latest edn).. —Psychiatric nursing promoting mental health Appleton & Lange.
- ✓ Kaplan H.J & Sadock B .J . Comprehensive Textbook psychiatry (Latest edn). William and Wilkins;Philadelphia .
- ✓ Sadock J.B, Sadock A.V, Kaplan & Sadock's concise Text book of clinical psychiatry, Philadelphia, Lippincott William & Wilkins Company.
- ✓ Townsend M .C. Psychiatric Mental Health Nursing.(Latest edn) Jaypee brothers; New Delhi.
- ✓ Varcarolis E.M. (Latest edn). —Foundations of Psychiatric Mental Health Nursingl .W.B. Saunders; Philadelphia.
- ✓ Frisch N.C & Frisch L.E (Latest edn). Psychiatric Mental Health Nursing (3rd edition) Sanat printers Haryana.
- ✓ Benjamin James Sadock & Virginia Sadock, Kalpan Sadock Synopsis of psychiatry.

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Lippincott.

- ✓ Coleman, James. C, Abnormal Psychology And Modern Life, Latest Edition, Tarap Orvala And Co Pvt. Ltd.
- ✓ Gelder M, Harrison P and Cowen P, Shorter Oxford Textbook of Psychiatry, Latest Edition, Oxford University Press.
- ✓ Krupnick Susan L.W. and Wade Andrew, Psychiatric Care Planning-Now with Clinical Pathways, Latest Edition, Springhouse Corpn, Pennsylvania. SL NO AREA OF POSTING NO. OF WEEKS 1 Acute psychiatric ward 4 2 Chronic psychiatric ward 4 3 Psychiatric emergency 2 4 OPD 2 5 Family psychiatry 1 6 Community mental health 2 7 Rehabilitation/ occupational therapy/ Half way home/Day care centre 2 8 De- addiction unit 2 Total 19 63
- ✓ O' Brien & Davis, Mental Health & Psychiatric Nursing a caring approach ,Latest Edition, Jones and Bartlett Publishers.
- ✓ Varcarolis Elizabeth. M, Foundations of Psychiatric Mental Health Nursing, Latest Edition, W.B.Saunders Company.Philadelphia.
- ✓ Carson & Arnold, Mental Health Nursing-The Nurse Patient Journey, Latest Edition, W.B.Saunders Company. Philadelphia.
- ✓ Andrew Sims , Symptoms in the Mind: An Introduction to Descriptive Psychopathology, Latest Edition, W. B. Saunders Company. Philadelphia.
- ✓ Barbara Schoen Johnson, Adaptation & Growth- Psychiatric Mental Health Nursing, Latest Edition, Lippincott.
- ✓ WHO.ICD 10 Classification of Mental & Behavioural Disorder
- ✓ Schultz, videbeck C.S Lippincott Manual of Psychiatric Nursing careplans, 7th edition Philadelphia, Lippincott William & Wilkins Company.
- ✓ Johnstone C.E, Ownes, c. et. al, Companion to Psychiatric studies, Philadelphia, Churchill Livingstone.
- ✓ Varcarolis E.M, Halter J.M, Essentials of psychiatric Mental Health Nursing, Acommunication approach to evidence based care, Philadelphia, Elsevier publication.
- ✓ Videbeck L.S, Psychiatric Mental Health Nursing, Philadelphia, Lippincott William & Wilkins Company.
- ✓ Fontaine Karen Lee. Mental Health Nursing. Pearson Education.
- ✓ Mental Health: An Indian Perspective, 1946-2003. S.P Agarwall (Editor), Directorate General of Health Services, Ministry of Health and Family welfare, New Delhi.

PRACTICAL:

Total = 660 Hours

1 Week = 30 Hours

S. No.	Are of Posting	No. of Week	Total Hours
1	Acute Psychiatric Ward	4	120 Hours
2	Chronic Psychiatric ward	4	120 Hours
3	Psychiatric Emergency Unit	2	60 Hours
4	OPD	2	60 Hours
5	Family Psychiatric Unit	2	60 Hours

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6	Community Mental Health Unit	4	120 Hours
7	Rehabilitation/Occupational Therapy Unit/Half way home/ Day care centre	4	120 Hours
Total		22 Weeks	660 Hours.

STUDENT ACTIVITIES:

- ✓ History taking
- ✓ Mental health assessment
- ✓ Psychometric assessment
- ✓ Personality assessment
- ✓ Process recording
- ✓ Therapies- Group Therapy
- ✓ Family Therapy
- ✓ Psycho therapy
- ✓ Milieu Therapy
- ✓ The Therapeutic Community
- ✓ Occupational therapy
- ✓ Recreational therapy
- ✓ Play therapy
- ✓ Music therapy
- ✓ Pet therapy
- ✓ Counselling
- ✓ Assisted ECT
- ✓ Assisted EEG
- ✓ Case studies
- ✓ Case presentation
- ✓ Project work
- ✓ Socio and psycho-drama
- ✓ Field visit.

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CLINICAL SPECIALITY- I
COMMUNITY HEALTH NURSING - I

COURSE DESCRIPTION:

The course is designed to assist students in developing expertise and in depth understanding in the field of Community Health Nursing. It would help students to appreciate holistic life style of individuals, families & groups and develop skills to function as Community Health Nurse specialist/practitioner. It would further enable student to function as an educator, manager and researcher in the field of Community Health nursing.

Year	1st Year	
Subject	Community Health Nursing-I	
Time	Total 800Hours (Theory 150Hours Practical 650Hours)	
Course code	CLINICAL SPECIALITY-I (Community Health Nursing-I)	
MNURS20Y107		
Pre-requisite	Nil	Syllabus version
Course Objectives:		
<p>-At the end of the course the students will be able to:</p> <ol style="list-style-type: none"> 1. Appreciate role of individuals and families in promoting health of the Community. 2. Appreciate the history and development in the field of CommunityHealthand Community Health Nursing. 3. Appreciate legal and ethical issues pertaining to community health nursing care. 4. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level. 5. Integrate the concepts of family centered nursing approach while providing care to the community. 6. Apply nursing process approach while providing care to individuals, families, groups and community. 7. Perform physical, developmental and nutritional assessment of individuals, families and groups. 8. Participate effectively as a member of Community Health team. 		

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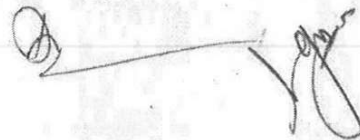
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9. Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.
10. Describe the various components of reproductive and child health programme.
11. Demonstrate leadership and managerial abilities in community health nursing practice.
12. Apply recent technologies and care modalities while delivering community health nursing care.
13. Teach community health nursing to undergraduates, in-service nurses and the community health workers.
14. Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.
15. Recognize and participate in the management of emergencies, epidemics and disasters.
16. Apply epidemiological concepts and principles and Community Health Nursing Practice.
17. Conduct community health nursing care projects.
18. Incorporate evidence based nursing practice and identify the areas of research in the community settings.

Course Outcome:

1. Appreciate the history and development in the field of community Health and community Health nursing.
2. Appreciate role of individuals and families in promoting health of the community.
3. Perform physical, developmental and nutritional assessment of individuals, families and groups.
4. Apply the concepts of promotive, preventive, curative and rehabilitative aspect of the health while providing care to the people.
5. Apply nursing process approach while providing care to individuals, families, groups and community.
6. Integrate the concepts of family centered nursing approach while providing care to the community.
7. Recognize and participate in the management of emergencies, epidemics and disasters.
8. Apply recent technologies and care modalities while delivering community health nursing care.
9. Appreciate legal and ethical issues pertaining to community health nursing care.
10. Conduct community health nursing care project.
11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.

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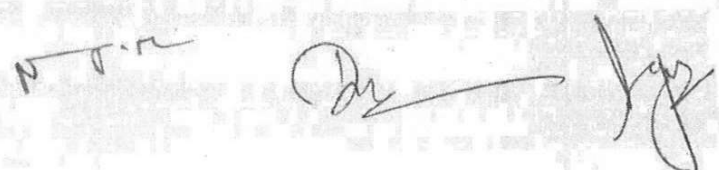
12. Incorporate evidence based nursing practice and identify the areas of research in the community settings.
13. Participate effectively as a member of Community Health team.
14. Coordinate and collaborate with various agencies operating in the community by using inter sectoral approach.
15. Teach community health nursing to undergraduates, in- service nurse and the community health workers.

Student Learning Outcomes (SLO):

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

1. Evaluate the effectiveness of nursing care for diverse clients in a community setting utilizing evidence-based nursing research.
2. Apply critical thinking to analyze data in the implementation and promotion of positive health-related behaviors for culturally diverse clients.

Units	Hours	Content
I	10	INTRODUCTION: Historical development of Community Health and Community health Nursing - World and India, various health and family welfare committees, Current status, trends and challenges of Community Health Nursing, Health status of the Community-community diagnosis, Scope of Community health Nursing practice, Extended and expanded role of community health nurse, Ethical and legal issues, Socio-cultural issues in Community health Nursing, National Policies, plans and programmes, National health policy, National Population policy, National Health and welfare Programmes, National Health goals / indicators / Millennium developmental goals (MDG) /Strategies, Planning process: Five year plans, National Rural Health Mission, Panchayat raj institutions
II	10	HEALTH: Concepts, issues. Determinants, Health illness spectrum and levels of prevention, Measurements, Alternate systems for health promotion and management of health problems, Health economics, Health technology., Genetics and health, Waste disposal, Eco system and ecological factors., Definition, scope, component parts., Characteristics and principles of eco system, Changing ecosystem and its impact on health and illness, Urbanization, Industrialization and its effects on air, water, soil, Conservation of ecosystem.



III	15	POPULATION DYNAMICS AND CONTROL: Demography, Transition and theories of population, National population policy, National population programmes, Population control and related programmes, Methods of family limiting and spacing, Research, Census, National Family Health Survey. Impact of demography on health policy and planning utilization.
IV	30	COMMUNITY HEALTH NURSING: Philosophy, Aims, Objectives, Concepts, Scope, Principles, Functions, Community health Nursing theories and models, Family nursing and Family centered nursing approach, Family health nursing process, Family health assessment, Diagnosis, Planning, Intervention, Evaluation, Nursing care for special groups: children, adolescents, adults, women, elderly, physically and mentally challenged - Urban and rural population at large. Community nutrition: Nutrition survey, Community nutrition, nutrition assessment, nutritional problems and programs, food adulteration, fortification. Nutritional education, planning diet for different age groups, Nutritional rehabilitation. Food legislation and enforcement of laws, Concept, role and responsibilities of community health Nurse practitioners / nurse midwifery practitioners - decision making skills, professionalism, legal issues
V	45	MATERNAL AND NEONATAL CARE: IMNCI (Integrated Management of Neonatal And Childhood Illnesses) module, Skilled Birth Attendant (SBA) module, Maternal health, ante natal, intra natal, post natal care and family welfare services.
VI	15	Disaster nursing (INC module on Reaching out: Nursing Care In emergencies)
VII	10	INFORMATION, EDUCATION AND COMMUNICATION: IEC/BCC: Principles and strategies, Communication Skills, Management information and evaluation system: Records and reports, Information technology, Tele-medicine and tele-nursing, Journalism, Mass media, Folk media.
VIII	15	HEALTH CARE DELIVERY SYSTEM: URBAN, RURAL, TRIBAL AND DIFFICULT AREAS: Health organization: National, State, District, CHC, PHC, Sub Centre, Village - Functions, Staffing, pattern of assistance, layout, drugs, equipments and supplies, Roles and Responsibilities of DPHNO, Critical review of functioning of various levels, evaluation studies, recommendations and nursing perspectives, Alternative systems of medicine, Training and supervision of health workers. Health agencies: NGO's, Roles and functions. Inter-sectoral co-ordination. Public private partnership. Challenges of health care delivery system.
# Mode Lecture-cum-discussion, Procedures, Demonstration, and Classroom exercises, Seminar/Presentations, Visit.		
Suggested Reading:		
<ul style="list-style-type: none"> ✓ Kamalam. S. Essentials of Community Health Nursing Practices. 2nd edn. Jaypee Brothers. New Delhi 2005. ✓ Clemen Stone S, Eigsti D G, M C Guire S L. Comprehension Community Health Nursing. 4th edn. Mosby. 		

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- ✓ Caludia M Smith, Frances A Maurer. Community Health Nursing, Theory and Practice. W B Saunders. Philadelphia 1996.
- ✓ Stanhope Marcia. Community and Public Health Nursing-Population centered health. 8th edn. Mosby Publication 2009.
- ✓ Allender, Spardely, Barbara Watton. Community Health Nursing concepts and 80 Practice. Mosby.
- ✓ Rahim, A – Principles and practice of Community Medicine, New Delhi, Jaypee Brothers 2006.
- ✓ Macewen-Community based Nursing 2009. Elsevier.
- ✓ Leake-Community Public Health Nursing. Mosby 2009. Elsevier.
- ✓ Ruth B Freeman –Textbook of Primary Health Nursing Practices.
- ✓ G M Dhar, I Robbani-Foundations of Community Medicine. Elsevier.
- ✓ Mary A Nies, Melame McEwen. Community/Public Health Nursing promoting the Health of Population. W B Saunders.
- ✓ Clark M, J. 'Nursing in the Community', Appleton and Lange, Connecticut, Latest Edn
- ✓ Clemen – Stone S, Eigsti D, G, McGuire S, L. Comprehensive Family and Community Health Nursing, Mosby, Latest Edn.
- ✓ Cookfair J, M. Nursing Process and Practice in the Community, Mosby, Latest Edn.
- ✓ Dharr G, M. Robbani I, Foundations of Community Medicine Elsevier, Latest Edn.
- ✓ Rahim A. Principles and practices of community medicine, Jaypee Brothers medical Publishers.
- ✓ Suryakantha. A.H. Community Medicine with recent advances , Jaypee Brothers medical Publishers.
- ✓ Gulani K, K. Community Health Nursing: Principles and practices. Latest Edn.
- ✓ Kerr J, Community Health Promotion BAILLIERE Tindall, Latest Edn.
- ✓ Loudan, N. Glasier A, Gebbjie A Hand book of Family Planning Reproductive Health Care, Churchill Livingstone. Latest Edn.
- ✓ Stanhope M. Lancaster J. Community Health Nursing, The C V Mosby Company D.C, Latest Edn.
- ✓ TNAL. A Community Health Nursing Manual

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PRACTICAL:

Total = 660 Hours

1 Week = 30 Hours

S. No.	Department / Unit	No. of Week	Total Hours
1	Sub-centre, PHC, CHC	12	360 Hours
2	District family welfare bureau	1	30 Hours
3	Urban centers	6	180 Hours
4	Field visits	3	90 Hours
Total		22 Weeks	660 Hours,

STUDENT ACTIVITIES:

- ✓ Identification of community leaders and resource persons (community mapping)
- ✓ Community health survey.
- ✓ Community health nursing process- individual, family and special groups and community counseling.
- ✓ Health education – campaign, exhibition, folk media, preparation of IEC materials.
- ✓ Organizing and participating in special clinics/camps and national health and welfare programmes-Organize at least one health and family welfare mela/fair (all stalls of national health and family welfare activities should be included).
- ✓ Estimation of Vital health statistics-Exercise.
- ✓ Drill for disaster preparedness.
- ✓ Organize at least one in-service education to ANM's/LHV/PHN/HW.
- ✓ Nutrition – Exercise on nutritional assessment on dietary planning, demonstration and education for various age groups.
- ✓ Filling up of Records, reports and registers maintained at SC/PHC/CHC.
- ✓ Assist women in self breast examination.
- ✓ Conduct antenatal examination.
- ✓ Conduct vaginal examination.
- ✓ Conduct deliveries.
- ✓ Post natal visits.
- ✓ Perform Episiotomy and suturing.
- ✓ Prepare Pap smear.
- ✓ Conduct Insertion/Removal of IUD
- ✓ Blood Slide preparation.
- ✓ Field visits, Maintenance of log book for various activities.

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CLINICAL SPECIALITY-I

OBSTETRIC AND GYNAECOLOGICAL NURSING

COURSE DESCRIPTION:

This course is designed to assist students in developing expertise and in depth understanding in the field of Obstetric and Gynecological Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager, and researcher in the field of Obstetric and Gynecological nursing.

Year	1 st Year	
Subject	Obstetric And Gynecological Nursing	
Time	Total: 800Hours (Theory: 150Hours Practical: 650Hours)	
Course code	CLINICAL SPECIALITY-I (Obstetric and Gynecological Nursing)	
MNURS20Y108		
Pre-requisite	Nil	Syllabus version

Course Objectives:

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

1. Appreciate the trends in the field of midwifery, obstetrics and gynecology as a specialty.
2. Describe the population dynamics and indicators of maternal and child health
3. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
4. Provide comprehensive nursing care to women during reproductive period and new borns.
5. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.
6. Identify and analyze the deviations from normal birth process and refer appropriately.
7. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.
8. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.
9. Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing.
10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing.
11. Describe the recent advancement in contraceptive technology and birth control measures.
12. Appreciate the legal and ethical issues pertaining to obstetric and gynecological nursing.

Course Outcome:

1. Appreciate the trends in the field of midwifery, obstetrics and gynecology as a specialty.
2. Describe the population dynamics and indicators of maternal and child health.
3. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
4. Provide comprehensive nursing care to women during reproductive period and new borns.
5. Integrate the concepts of family centered nursing care and nursing process approach in obstetrics and gynecology nursing
6. Identify and analyze the deviations from normal birth process and refer appropriately.
7. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.
8. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.
9. Describe the role of various types of complementary and alternative therapies in obstetrics and gynecology nursing
10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrics and gynecology nursing
11. Describe the recent advancement in contraceptive technology and birth control measures
12. Appreciate the legal and ethical issues pertaining to obstetrics and gynecology nursing.

Student Learning Outcomes (SLO):

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

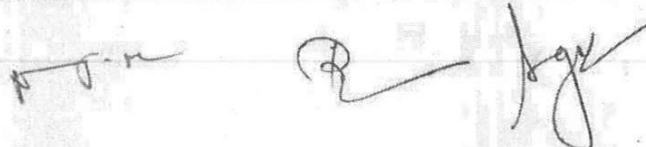
1. Explain the normal physiologic changes of pregnancy including interpretation of common diagnostic studies
2. Describe common problems in obstetrics
3. Demonstrate knowledge of intrapartum care.
4. Describe menstrual cycle physiology, discuss puberty and menopause and explain normal and abnormal bleeding
5. Describe the etiology and evaluation of infertility
6. Apply recommended prevention strategies to women throughout the lifespan
7. Recognize his/her role as a leader and advocate for women, related to the well-being of populations, social and policy aspect of women's health, including domestic violence, adolescent pregnancy, ethical issues and access to health care.

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V	20	NORMAL PUERPERIUM AND NURSING MANAGEMENT: Physiology of puerperium, Physiology of lactation, lactation management, and exclusive breast feeding. Baby friendly hospital initiative (BFHI), Assessment of postnatal women, Management of mothers during puerperium: Postnatal exercises. Rooming in, bonding, warm chain, Evidence based studies, Factors influencing breast feeding practices. Role of nurse midwifery practitioner Alternative / complementary therapies / Cultural practices.
VI	20	NORMAL NEWBORN: Physiology and characteristics of normal newborn, Physical and Behavioral assessment of newborn, Needs of newborn, Essential newborn care: Exclusive breast feeding, Immunization, Hygiene measures, Newborn nutrition, Organization of neonatal care service, transportation, neonatal intensive care unit, organization and management of nursing services in NICU, Observation and care of newborn, Parenting process.
VII	10	PHARMOCO DYNAMICS IN OBSTETRICS: Drugs used in pregnancy, labour, post partum and newborn. Calculation of drug dose and administration. Effects of drugs used, Anesthesia and analgesia in obstetrics, Roles and responsibilities of midwifery nurse practitioner, Standing orders, use of selected life saving drugs and interventions ofobstetric emergencies approved by the MOHFW.
VIII	10	FAMILY WELFARE SERVICES: Population dynamics, Demography trends: vital statistics, calculation of indicators especially maternal and neonatal mortality rates and other health problems, Recent advancement in contraceptive technology, Role of nurses in family welfare programmes in all settings, Role of independent nurse midwifery practitioner, Family life education, Information, Education and Communication(IEC), Management information and evaluation system (MIES), Teaching and supervision of health team members, Evidence based studies.
IX	5	INFERTILITY- Primary and secondary causes, Diagnostic procedures, Counseling: Ethical and legal aspects of assisted reproductive technology (ART), Recent advancement in infertility management. Adoption procedures Role of nurses in infertility management.
X	5	MENOPAUSE: Physiological, psychological, social and cultural aspects influences on menopause, Hormone Replacement Therapy, Surgical menopause. Counseling and guidance, Management of menopause. Role of midwifery nurse practitioner.
XI	5	ABORTION: Types, causes, legislations, clinical rights and professional responsibility, abortion procedures, complications, nursing management, Role of midwifery nurse practitioner.
# ModeLecture-cum-discussion, Procedures, Demonstration, Classroom exercises, Seminar/Presentations.		
Suggested Reading:		
<ul style="list-style-type: none"> ✓ Lowdermilk, Perry, Bobak. Maternity Nursing. Mosby, Inc. ✓ Sharon, Emily & Trula Mayers. Foundations of Maternal & Newborn Nursing. 		



Units	Hours	Content
I	10	INTRODUCTION: Historical and contemporary perspectives, Epidemiological aspects of maternal and child health, Magnitude of maternal and child health problems, Factors influencing maternal and child health: Age, Gender, Sexuality, psycho Socio cultural factors, Preventive obstetrics, National health and family welfare programmes related to maternal and child health: health care delivery system, National Rural health mission, Role of NGO's, Theories, models and approaches applied to midwifery practice, Role and scope of midwifery practice: Independent Nurse midwifery practitioner, Legal and Ethical issues: Code of ethics and standards of midwifery practice, standing orders, Evidence based midwifery practice, Research priorities in obstetric and gynecological nursing.
II	15	HUMAN REPRODUCTION: Review of anatomy and physiology of human reproductive system: male and female, Reproductive endocrinology, Embryology, Genetics, teratology and counseling, Clinical implications, Human sexuality and sexual behavior.
III	25	HIGH RISK PREGNANCY: Maternal adaptation : Physiological, psychosocial Assessment – Maternal and fetal measures Maternal measures: History taking , examination-General, physical and obstetrical measure, identification of high risk, Fetal measure- clinical parameters, biochemical-human estriol, Maternal Serum Alfa Feto Protein, Acetyl Choline esterase (AChE), Triple Test Amniocentesis, Cordocentesis, chorionic villus sampling (CVS)), Biophysical- (US IMAGING, Fetal movement count, Ultra Sonography, Cardiotocography, cardio tomography, Non Stress Test (NST), Contraction stress test(CST), amnioscopy, foetoscopy, Radiological examination, Interpretation of diagnostic tests and nursing implications, Nursing management of the pregnant women, minor disorders of pregnancy and management, preparation for child birth and parenthood, importance of institutional delivery , choice of birth setting, importance and mobilizing of transportation, prenatal counseling, role of nurse and crisis intervention, identification of high risk pregnancy and refer, Alternative/complementary therapies.
IV	25	NORMAL LABOUR AND NURSING MANAGEMENT: Essential factors of labour, Stages and onset FIRST STAGE: PHYSIOLOGY OF NORMAL LABOUR, Use of partograph: Principles, use and critical analysis, evidence based studies, Analgesia and anesthesia in labour, Nursing management. SECOND STAGE Physiology, intrapartum monitoring, Nursing management, Resuscitation , immediate newborn care and initiate breast feeding (Guidelines of National neonatology forum of India) THIRD STAGE Physiology and nursing management. FOURTH STAGE – OBSERVATION, CRITICAL ANALYSIS AND NURSING MANAGEMENT. Various child birth practice: water birth, position change etc, Evidence based practice in relation to labour intervention ROLE OF NURSE MIDWIFERY PRACTITIONER: Alternative/complementary therapies.

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 - ✓ Helen Varney, Jan M Kriebs, Cardyc L Gesa, Midwifery. Jones & Bartlett publisher.
 - ✓ Susan L Ward and Sheltar M Histely, Maternal –Child Nursing Care Optimizing outcomes for Mothers, Children and families-Jay Pee Brothers, New Delhi.
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 - ✓ Adele Pillitteri. Maternal & Child Health Nursing. Lippicott, Philadelphia.
 - ✓ Ratnam, Bhasker Rao, Arulkumaran. Obstetrics & Gynaecology for Post graduates. Orient Longman Ltd, Chennai.
 - ✓ Hacker, Moore. Essentials of Obstetrics & Gynaecology. Harcourt Brace & Company, Asia PTE Ltd.
 - ✓ Inderbir, Singh. Human Embryology. Mac Millan India Ltd. 73
 - ✓ Mandakini Parihar, Aswini Bhalerao Gandhi Contraception Past, Present and Future, F OGSJ JP 2006, New Delhi.
 - ✓ Gita Ganguly Mukerjee, Nareure, Malhotra – Medicological Aspects in Obstetrics and Gynaecology-FOGSI, JP 2008, New Delhi.
 - ✓ Pankaj Desai, Narendre Mehare, Durushel, Principles and Practice of Obstetrics & Gynaecology for Post Graduates – 3 rd ed, JP, New Delhi
 - ✓ Women's Health and Guide to Health Promotion and disorders management, Lippincott, Philadelphia.
 - ✓ Arias, Shrish N Dutta 2008, 3rd edn, Practical Guide to High risk Pregnancy Delivery, ELSEVIER.
 - ✓ Illyesa T Foster and Jon Lesser. Professional Ethics in Midwifery Practice . 2010. Jones and Bartlett. New Delhi.
 - ✓ Mukerjee Medicolegal Aspects in Obstetrics and Gynaecology
 - ✓ Deka An Introduction to genetics & Fetal Medicine. Jaypee Brothers.
 - ✓ Dutta. Drugs in Pregnancy –How Safe? Jaypee Brothers.

Practical:

Total = 660 Hours

1 week = 30Hours

S. No.	Department / Unit	No. of Week	Total Hours
1	Antenatal Wards & OPDs	4	120 Hours
2	Labour Room	6	180 Hours
3	Postnatal Ward	4	120 Hours
4	Family Planning Clinics	2	60 Hours
5	PHC/Rural maternity settings	1	30 Hours
6	Infertility clinic	3	90 Hours
7	Maternity Operation Theater	2	60 Hours
8	Neonatal Intensive Care Unit	-	-
Total		22Weeks	660 Hours.

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PROCEDURES OBSERVED:

- ✓ Diagnostic investigations: amniocentesis, chordocentecis, chorionic villisampling
- ✓ Infertility management: artificial reproduction: artificial in semination, invitro fertilization, and related procedures

PROCEDURES ASSISTED:

- ✓ Medical termination of pregnancy,

PROCEDURES PERFORMED:

- ✓ Antenatal assessment -20
- ✓ Postnatal assessment -20
- ✓ Assessment during labour : use of partograph -20
- ✓ Pervaginal examination -20
- ✓ Conduct of normal delivery -20
- ✓ Episiotomy and suturing -10
- ✓ Setting up of delivery areas
- ✓ Insertion of intra uterine devices (copperT)

OTHERS:

- ✓ Identification of high risk women and referral
- ✓ Health education: to women and their families
- ✓ Motivation of couples for Planned Parenthood.

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