



**GOKUL  
GLOBAL  
UNIVERSITY**

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(Recognized by UGC under Section 22 & 2(f) of 1956)  
(Gujarat Private State University Act 4 of 2018)

# **COURSE STRUCTURE**

## **Master of Science Nursing**

### **Yearly Structure System**



**Faculty of Nursing  
Gokul Nursing College**



University Campus, State Highway-41, Siddhpur - 384151, Dist. Patan, Gujarat, INDIA  
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## COURSES OF INSTRUCTION

### Teaching scheme

#### M.Sc Nursing I Year

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits
		Theory	Tutorial	Practical	
FNM115001	NURSING EDUCATION	150	0	150	0
FNM115002	ADVANCE NURSING PRACTICE	150	0	200	0
FNM115003	NURSING RESEARCH & STATISTICS	150	0	100	0
FNM115101	MEDICAL SURGICAL NURSING-I	150	0	650	0
FNM115201	MIDWIFERY & OBSTETRICAL NURSING	150	0	650	0
FNM115301	MENTAL HEALTH NURSING-I	150	0	650	0
FNM115401	CHILD HEALTH NURSING-I	150	0	650	0
FNM115501	COMMUNITY HEALTH NURSING-I	150	0	650	0

#### M.Sc Nursing II Year

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits
		Theory	Tutorial	Practical	
FNM125101	NURSING MANAGEMENT	150	0	150	0
FNM125102	MEDICAL SURGICAL NURSING-II	150	0	950	0
FNM125202	MIDWIFERY & OBSTETRICAL NURSING	150	0	950	0
FNM125302	MENTAL HEALTH NURSING-II	150	0	950	0
FNM125402	CHILD HEALTH NURSING-II	150	0	950	0
FNM125502	COMMUNITY HEALTH NURSING-II	150	0	950	0
FNM125103	DISSERTATION & VIVA	0	0	300	0





### **PROGRAMME OUTCOMES (POs)**

A student upon successful completion of master's degree in nursing should be able to assume responsibilities as nurse specialists, consultants, educators, administrators in a wide variety of professional settings.

### **PROGRAMME SPECIFIC OUTCOMES (PSOs)**

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





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## **FNM115001 - NURSING EDUCATION**

Placement : 1<sup>st</sup> Year

Hours of Instruction  
Theory 150 Hours  
Practical 150 Hours  
Total : 300 Hours

### **Course Description :-**

This course is designed to assist students to develop a broad understanding of 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.

### **Objectives :-**

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

1. Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
2. Describe the teaching learning process.
3. Prepare and utilize various instructional media and methods in teaching learning process.
4. Demonstrate competency in teaching, using various instructional strategies.
5. Critically analyze the existing nursing educational programs, their problems, issues and future trends.
6. Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.
7. Plan and conduct continuing nursing education programs.
8. Critically analyze the existing teacher preparation Programs in nursing.
9. Demonstrate skill in guidance and counseling.
10. Describe the problems and issues related to administration of nursing curriculum



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including selection and organization of clinical experience.

11. Explain the development of standards and accreditation process in nursing education programs.
12. Identify research priorities in nursing education.
13. Discuss various models of collaboration in nursing education and services.
14. Explain the concept, principles, steps, tools and techniques of evaluation
15. Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude.

## Course Content

Units	Hours		Course Content
	Theory	Practical	
I	10		<b>Introduction :</b> <ul style="list-style-type: none"><li>□ Education :Definition, aims, concepts, philosophies&amp; their education implications,</li><li>□ Impact of Social, economical, political &amp; technological changes on education:<ul style="list-style-type: none"><li>• Professional education</li><li>• Current trends and issues in education</li><li>• Educational reforms and National Educational policy, various educational commissions-reports</li><li>• Trends in development of nursing education in India</li></ul></li></ul>





<b>II</b>	<b>20</b>	<b>30</b>	<b>Teaching – Learning Process</b> <ul style="list-style-type: none"> <li>□ Concepts of teaching and learning: Definition, theories of teaching and learning, relationship between teaching and learning.</li> <li>□ Educational aims and objectives; types, domains, levels, elements and writing of educational objectives</li> <li>□ Competency based education(CBE) and outcomebased education(OBE)</li> <li>□ Instructional design: Planning and designing the lesson, writing lesson plan : meaning, its need and importance, formats.</li> <li>□ Instruction strategies – Lecture, discussion, demonstration, simulation, laboratory, seminar, panel, symposium, problem solving, problem based learning (PBL), workshop, project, role- play(socio- drama), clinical teaching methods, programmed instruction, self directed learning(SDL), micro teaching, computer assisted instruction(CAI), computer assisted learning (CAL)</li> </ul>
<b>III</b>	<b>10</b>	<b>10</b>	<b>Instructional media and methods</b> <ul style="list-style-type: none"> <li>□ Key concepts in the selection and use of media in education</li> <li>□ Developing learning resource material using different media</li> <li>□ Instructional aids – types, uses, selection, preparation, utilization.</li> <li>□ Teacher's role in procuring and managing instructional Aids – Project and non-projected aids, multi media, video-tele conferencing etc</li> </ul>
<b>IV</b>	<b>10</b>		<b>Measurement and evaluation:</b> <ul style="list-style-type: none"> <li>□ Concept and nature of measurement and evaluation, meaning, process, purposes, problems in evaluation and measurement.</li> <li>□ Principles of assessment, formative and summative assessment- internal assessment external examination, advantages and disadvantages.</li> <li>□ Criterion and norm referenced evaluation,</li> </ul>





<b>V</b>	<b>12</b>	<b>10</b>	<b>Standardized and non-standardized tests :</b> <ul style="list-style-type: none"> <li>□ Meaning, characteristics, objectivity, validity, reliability, usability, norms, construction of tests- <ul style="list-style-type: none"> <li>• Essay, short answer questions and multiple choice questions.</li> <li>• Rating scales, checklist, OSCE/OSPE(Objective structured clinical/practical examination)</li> <li>• Differential scales, and summated scales, sociometry, anecdotal record, attitude scale, critical incident technique</li> </ul> </li> <li>□ Question bank-preparation, validation, moderation by panel, utilization</li> <li>□ Developing a system for maintaining confidentiality</li> </ul>
<b>VI</b>	<b>8</b>	<b>5</b>	<b>Administration, Scoring and Reporting</b> <ul style="list-style-type: none"> <li>□ Administering a test; scoring, grading versus marks</li> <li>□ Objective tests, scoring essay test, methods of scoring, Item analysis.</li> </ul>
<b>VII</b>	<b>12</b>	<b>6</b>	<b>Standardized Tools</b> Tests of intelligence aptitude, interest, personality, achievement, socio-economic status scale, tests for special mental and physical abilities and disabilities.
<b>VIII</b>	<b>5</b>	<b>6</b>	<b>Nursing Educational programs</b> <ul style="list-style-type: none"> <li>□ Perspectives of nursing education: Global and national.</li> <li>□ 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.</li> </ul>
<b>IX</b>	<b>12</b>	<b>25</b>	<b>Continuing Education in Nursing</b> <ul style="list-style-type: none"> <li>□ Concepts – Definition, importance, need scope, principles of adult learning, assessments of learning needs, priorities, resources.</li> <li>□ Program planning, implementation and evaluation of continuing education programs.</li> <li>□ Research in continuing education.</li> </ul> Distance education in nursing.







<b>X</b>	<b>10</b>	<b>10</b>	<b>Curriculum Development</b> <ul style="list-style-type: none"> <li>□ Definition, curriculum determinants, process and steps of curriculum development, Curriculum models, Types and framework.</li> <li>□ Formulation of philosophy, objectives, selection and organization of learning experiences; master plan, course plan, unit plan.</li> <li>□ Evaluation strategies, process of curriculum change, role of students, faculty, administrators, statutory bodies and other stakeholders.</li> </ul> Equivalency of courses: Transcripts, credit system.
<b>XI</b>	<b>8</b>	<b>4</b>	<b>Teacher preparation</b> <ul style="list-style-type: none"> <li>□ Teacher – roles &amp; responsibilities, functions, characteristics, competencies, qualities,</li> <li>□ Preparation of professional teacher</li> <li>□ Organizing professional aspects of teacher preparation programs</li> <li>□ Evaluation: self and peer</li> </ul> Critical analysis of various programs of teacher education.
<b>Units</b>	<b>Hours</b>		<b>Course Content</b>
	<b>Theory</b>	<b>Practical</b>	
<b>XII</b>	<b>10</b>	<b>5</b>	<b>Guidance and counseling</b> <ul style="list-style-type: none"> <li>□ Concept, principles, need, difference between guidance and counseling , trends and issues.</li> <li>□ Guidance and counseling services : diagnostic and remedial.</li> <li>□ Coordination and organization of services.</li> <li>□ Techniques of counseling : Interview, case work, characteristics of counselor, problems in counseling.</li> <li>□ Professional preparation and training for counseling.</li> </ul>







<b>XIII</b>	<b>15</b>	<b>10</b>	<b>Administration of Nursing Curriculum</b> <ul style="list-style-type: none"> <li>□ Role of curriculum coordinator – planning, implementation and evaluation.</li> <li>□ Evaluation of educational programs in nursing-course and program.</li> <li>□ Factors influencing faculty staff relationship and techniques of working together.</li> <li>□ Concept of faculty supervisor (dual) position.</li> <li>□ Curriculum research in nursing.</li> <li>□ Different models of collaboration between education and service</li> </ul>
<b>XIV</b>	<b>10</b>		<b>Management of nursing educational institutions</b> Planning, organizing, staffing, budgeting, recruitment, discipline, public relation, performance appraisal, welfare services, library services, hostel,
<b>XV</b>	<b>5</b>	<b>5</b>	<ul style="list-style-type: none"> <li>□ Development and maintenance of standards and accreditation in nursing education programs.</li> <li>□ Role of Indian Nursing Council, State Registration Nursing Councils, Boards and University.</li> <li>□ Role of Professional associations and unions.</li> </ul>

#### REFERENCE BOOKS:-

1. Aggarwal J.C, “ Principles, methods & Techniques of Teaching”, Vikas Publishing House PVT Ltd, II Edn.
2. Basavanthappa B.T, “Nursing Education”, Jaypee brothers, Edn I .

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

<b>Cos</b>	<b>POs/ PSOs</b>
<b>COs 1</b>	Pos-1 , PSOs-1 to 7
<b>COs 2</b>	Pos-1 , PSOs-1 to 7
<b>Cos 3</b>	Pos-1 , PSOs-1 to 7
<b>COs 4</b>	Pos-1 , PSOs-1 to 7
<b>COs 5</b>	Pos-1 , PSOs-1 to 7
<b>COs 6</b>	Pos-1 , PSOs-1 to 7
<b>COs 7</b>	Pos-1 , PSOs-1 to 7
<b>COs 8</b>	Pos-1 , PSOs-1 to 7
<b>COs 9</b>	Pos-1 , PSOs-1 to 7





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<b>COs 10</b>	Pos-1 , PSOs-1 to 7
<b>COs 11</b>	Pos-1 , PSOs-1 to 7
<b>COs 12</b>	Pos-1 , PSOs-1 to 7
<b>COs 13</b>	Pos-1 , PSOs-1 to 7
<b>COs 14</b>	Pos-1 , PSOs-1 to 7
<b>COs 15</b>	Pos-1 , PSOs-1 to 7



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## **FNM115002 - ADVANCE NURSING PRACTICE**

Placement: 1<sup>ST</sup> Year

Hours of Instruction  
Theory 150 Hours  
Practical 200 Hours  
Total : 350 Hours

### **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.

### **Objectives:**

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

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 healthcare 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 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.



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## Course Content :-

Unit	Hours	Content
<b>I</b>	<b>10</b>	<b>Nursing as a Profession</b> <ul style="list-style-type: none"><li>□ History of development of nursing profession, characteristics, criteria of the profession, perspective of nursing profession-national, global</li><li>□ Code of ethics(INC), code of professional conduct(INC), autonomy and accountability, assertiveness, visibility of nurses, legal considerations,</li><li>□ Role of regulatory bodies</li><li>□ Professional organizations and unions-self defense, individual and collective bargaining</li><li>□ Educational preparations, continuing education, career opportunities, professional advancement &amp; role and scope of nursing education.</li><li>□ Role of research, leadership and management.</li><li>□ Quality assurance in nursing (INC).</li><li>□ Futuristic nursing.</li></ul>
<b>II</b>	<b>5</b>	<b>Health care delivery</b> <ul style="list-style-type: none"><li>□ Health care environment, economics, constraints, planning process, policies, political process vis a vis nursing profession.</li><li>□ Health care delivery system- national, state, district and local level.</li><li>□ Major stakeholders in the health care system-Government, non-govt, Industry and other professionals.</li><li>□ Patterns of nursing care delivery in India.</li><li>□ Health care delivery concerns, national health and family welfare programs, inter-sectoral coordination, role of non-governmental agencies.</li><li>□ Information, education and communication (IEC).</li><li>□ Tele-medicine.</li></ul>





<b>III</b>	<b>10</b>	<b>Genetics</b> <ul style="list-style-type: none"> <li>□ Review of cellular division, mutation and law of inheritance, human genome project, The Genomic era.</li> <li>□ Basic concepts of Genes, Chromosomes &amp; DNA.</li> <li>□ Approaches to common genetic disorders.</li> <li>□ Genetic testing – basis of genetic diagnosis, Pre symptomatic and predisposition testing, Prenatal diagnosis &amp; screening, Ethical, legal &amp; psychosocial issues in genetic testing.</li> <li>□ Genetic counseling.</li> <li>□ Practical application of genetics in nursing.</li> </ul>
<b>IV</b>	<b>10</b>	<b>Epidemiology</b> <ul style="list-style-type: none"> <li>□ Scope, epidemiological approach and methods,</li> <li>□ Morbidity, mortality,</li> <li>□ Concepts of causation of diseases and their screening,</li> <li>□ Application of epidemiology in health care delivery, Health surveillance and health informatics</li> <li>□ Role of nurse</li> </ul>
<b>V</b>	<b>20</b>	<b>Bio-Psycho social pathology</b> <ul style="list-style-type: none"> <li>□ Pathophysiology and Psychodynamics of disease causation</li> <li>□ Life processes, homeostatic mechanism, biological and psycho-social dynamics in causation of disease, life style</li> <li>□ 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.</li> <li>□ Treatment aspects: pharmacological and pre- post operative care aspects,</li> <li>□ Cardio pulmonary resuscitation.</li> <li>□ End of life Care</li> <li>□ Infection prevention (including HIV) and standard safety measures, bio-medical waste management.</li> <li>□ Role of nurse- Evidence based nursing practice; Best practices</li> </ul> <p>Innovations in nursing</p>
<b>VI</b>	<b>20</b>	<b>Philosophy and Theories of Nursing</b> <ul style="list-style-type: none"> <li>□ Values, Conceptual models, approaches.</li> <li>□ 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's, etc and their applications,</li> <li>□ Health belief models, communication and management, etc</li> <li>□ Concept of Self health.</li> </ul> <p>Evidence based practice model.</p>





<b>VIII</b>	<b>10</b>	<b>Nursing process approach</b> <ul style="list-style-type: none"> <li>□ Health Assessment- illness status of patients/clients (Individuals, family, community), Identification of health- illness problems, health behaviors, signs and symptoms of clients.</li> <li>□ Methods of collection, analysis and utilization of data relevant to nursing process.</li> </ul> <p>Formulation of nursing care plans, health goals, implementation, modification and evaluation of care.</p>
<b>IX</b>	<b>30</b>	<b>Psychological aspects and Human relations</b> <ul style="list-style-type: none"> <li>□ Human behavior, Life processes &amp; growth and development, personality development, defense mechanisms,</li> <li>□ Communication, interpersonal relationships, individual and group, group dynamics, and organizational behavior,</li> <li>□ Basic human needs, Growth and development, (Conception through preschool, School age through adolescence, Young &amp; middle adult, and Older adult)</li> <li>□ Sexuality and sexual health.</li> <li>□ Stress and adaptation, crisis and its intervention,</li> <li>□ Coping with loss, death and grieving,</li> </ul> <p>Principles and techniques of Counseling.</p>
<b>X</b>	<b>10</b>	<b>Nursing practice</b> <ul style="list-style-type: none"> <li>□ Framework, scope and trends.</li> <li>□ Alternative modalities of care, alternative systems of health and complimentary therapies.</li> <li>□ Extended and expanded role of the nurse, in promotive, preventive, curative and restorative health care delivery system in community and institutions.</li> <li>□ Health promotion and primary health care.</li> <li>□ Independent practice issues,- Independent nurse-midwifery practitioner.</li> <li>□ Collaboration issues and models-within and outside nursing.</li> <li>□ Models of Prevention,</li> <li>□ Family nursing, Home nursing,</li> <li>□ Gender sensitive issues and women empowerment.</li> <li>□ Disaster nursing.</li> <li>□ Geriatric considerations in nursing.</li> <li>□ Evidence based nursing practice- Best practices</li> </ul> <p>Trans-cultural nursing.</p>
<b>XI</b>	<b>25</b>	<b>Computer applications for patient care delivery system and nursing practice</b> <ul style="list-style-type: none"> <li>□ Use of computers in teaching, learning, research and nursing practice.</li> <li>□ Windows, MS office: Word, Excel, Power Point,</li> </ul>







		<input type="checkbox"/> Internet, literature search, <input type="checkbox"/> Statistical packages, Hospital management information system: softwares.
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## REFERENCE BOOKS:

1. Potter A. P., Perry A. G. 2005 Fundamental of Nursing C. V. Mosby company, Louis 6th edition.
2. Kozier B et al, Fundamentals of nursing concepts, process and practice, Pearson education

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

COs	POs/ PSOs
COs 1	Pos-1 , PSOs-1 to 7
COs 2	Pos-1 , PSOs-1 to 7
Cos 3	Pos-1 , PSOs-1 to 7
COs 4	Pos-1 , PSOs-1 to 7
COs 5	Pos-1 , PSOs-1 to 7
COs 6	Pos-1 , PSOs-1 to 7
COs 7	Pos-1 , PSOs-1 to 7
COs 8	Pos-1 , PSOs-1 to 7
COs 9	Pos-1 , PSOs-1 to 7
COs 10	Pos-1 , PSOs-1 to 7
COs 11	Pos-1 , PSOs-1 to 7
COs 12	Pos-1 , PSOs-1 to 7
COs 13	Pos-1 , PSOs-1 to 7







**FNM115101 - CLINICAL SPECIALITY – I  
MEDICAL SURGICAL NURSING**

**Placement: 1<sup>st</sup> Year**

**Hours of instruction**  
**Theory: 150 Hours**  
**Practical: 650 Hours**  
**Total : 800 Hours**

**Course Description**

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

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

**Objectives :-**

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

1. Appreciate the trends & issues in the field of Medical – Surgical Nursing as a speciality.
2. Apply concepts & theories related to health promotion.
3. Appreciate the client as a holistic individual.
4. Perform physical, psychosocial assessment of Medical – Surgical patients.
5. Apply Nursing process in providing care to patients.
6. Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
7. Recognize and manage emergencies with Medical- Surgical patients.
8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
9. Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing.
10. Prepare a design for layout and management of Medical – Surgical



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11. Appreciate the role of alternative systems of Medicine in care of patients
12. Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing.
13. Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team.
14. Teach Medical – Surgical Nursing to undergraduate nursing students & in-service nurses.

**COURSE CONTENT:**

Unit	Hours	Content
<b>I</b>	<b>5</b>	<b>Introduction:</b> <ul style="list-style-type: none"><li>□ Historical development of Medical- Surgical Nursing in India.</li><li>□ Current status of health and disease burden in India.</li><li>□ Current concept of health.</li><li>□ Trends &amp; issues in Medical – Surgical Nursing.</li><li>□ Ethical &amp; cultural issues in Medical – Surgical Nursing.</li><li>□ Rights of patients.</li><li>□ National health policy, special laws &amp; ordinances relating to older people.</li><li>□ National goals.</li><li>□ Five year plans.</li><li>□ National health programs related to adult health.</li></ul>
<b>II</b>	<b>20</b>	<b>Health Assessment of patients</b> <ul style="list-style-type: none"><li>□ History taking.</li><li>□ Physical examination of various systems.</li><li>□ Nutritional assessment.</li><li>□ Related investigations and diagnostic assessment.</li></ul>





<b>III</b>	<b>5</b>	<b>Care in hospital settings:</b> <ul style="list-style-type: none"> <li>□ Ambulatory care.</li> <li>□ Acute and Critical care.</li> <li>□ Long term care.</li> <li>□ Home Health Care.</li> <li>□ Characteristics, care models, practice settings, interdisciplinary team.</li> <li>□ Hospitalization- effects of hospitalization on the patient &amp; family.</li> <li>□ Stressors &amp; reactions related to disease process.</li> <li>□ Nursing care using Nursing process approach.</li> </ul>
<b>IV</b>	<b>10</b>	<b>Management of patients with disorders of Gastro intestinal tract</b> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology.</li> <li>□ Common Disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.</li> <li>□ Health assessment- History taking, physical examination, investigation and diagnostic assessment.</li> <li>□ Treatment modalities and trends.</li> <li>□ Nursing management.</li> <li>□ Related research studies.</li> <li>□ Evidence based nursing practice.</li> <li>□ Rehabilitation and follow-up.</li> </ul>
<b>V</b>	<b>10</b>	<b>Management of patients with disorders of nervous system</b> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology.</li> <li>□ Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.</li> <li>□ Health assessment-History taking, physical examination, investigation and diagnostic assessment.</li> <li>□ Treatment modalities and trends.</li> <li>□ Nursing management.</li> <li>□ Related research studies.</li> <li>□ Evidence based nursing practice.</li> </ul> Rehabilitation and follow-up.





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





		<ul style="list-style-type: none"> <li>□ Treatment modalities and trends.</li> <li>□ Nursing management.</li> <li>□ Related research studies.</li> <li>□ Evidence based nursing practice.</li> </ul> <p>Rehabilitation and follow-up.</p>
<b>XI</b>	<b>10</b>	<p><b>Management of patients with disorders of musculo-skeletal system</b></p> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology.</li> <li>□ Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.</li> <li>□ Health assessment-History taking, physical examination, investigation and diagnostic assessment.</li> <li>□ Treatment modalities and trends.</li> <li>□ Nursing management.</li> <li>□ Related research studies.</li> <li>□ Evidence based nursing practice.</li> </ul> <p>Rehabilitation and follow-up.</p>
<b>XII</b>	<b>8</b>	<p><b>Management of patients with disorders of integumentary system</b></p> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology.</li> <li>□ Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.</li> <li>□ Health assessment-History taking, physical examination, investigation and diagnostic assessment.</li> <li>□ Treatment modalities and trends.</li> <li>□ Nursing management.</li> <li>□ Related research studies.</li> <li>□ Evidence based nursing practice.</li> </ul> <p>Rehabilitation and follow-up.</p>
<b>XIII</b>	<b>5</b>	<p><b>Management of patients with disorders of Eye and ENT</b></p> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology.</li> <li>□ Common Disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.</li> <li>□ Health assessment-History taking, physical examination, investigation and diagnostic assessment.</li> </ul> <p>Treatment modalities and trends.</p>
<b>XIV</b>	<b>8</b>	<p><b>Management of patients with disorders of reproductive system</b></p> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology.</li> <li>□ Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.</li> <li>□ Health assessment-History taking, physical examination, investigation and diagnostic assessment.</li> <li>□ Treatment modalities and trends.</li> <li>□ Nursing management.</li> <li>□ Related research studies.</li> </ul>





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







		<ul style="list-style-type: none"> <li>□ Health assessment-History taking, physical examination, investigation and diagnostic assessment.</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management.</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice.</li> </ul> <p>Rehabilitation and follow-up.</p>
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#### REFERENCE BOOKS :-

1. Brunner and Suddarth's, Text Book of Medical Surgical Nursing, 9th edition , Lippincott , Raven Publishers.
2. John Luckmann, Medical Surgical Nursing, 3<sup>rd</sup> edition, Saunders Company, Philadelphia, London

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

Cos	POs/ PSOs
COs 1	Pos-1 , PSOs-1 to 7
COs 2	Pos-1 , PSOs-1 to 7
Cos 3	Pos-1 , PSOs-1 to 7
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COs 6	Pos-1 , PSOs-1 to 7
COs 7	Pos-1 , PSOs-1 to 7
COs 8	Pos-1 , PSOs-1 to 7
COs 9	Pos-1 , PSOs-1 to 7
COs 10	Pos-1 , PSOs-1 to 7
COs 11	Pos-1 , PSOs-1 to 7
COs 12	Pos-1 , PSOs-1 to 7
COs 13	Pos-1 , PSOs-1 to 7
COs 14	Pos-1 , PSOs-1 to 7







## FNM115201 - CLINICAL SPECIALITY-I

### OBSTETRIC AND GYNAECOLOGICAL NURSING

Placement : 1st year

Hours of Instruction

Theory : 150 Hours.

Practical : 650 Hours.

Total : 800 Hours

### Course Description

This course is designed to assist students in developing expertise and in- depth understanding in the field of Obstetric and Gynaecological 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 Gynaecological nursing.

### Objectives

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

1. Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a speciality.
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 newborns.
5. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynaecological 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 gynaecological nursing..
10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing.
11. Describe the recent advancement in contraceptive technology and birth control measures
12. Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing.

**Course Content :-**

Units	Hours	Content
<b>I</b>	<b>10</b>	<b>Introduction</b> <ul style="list-style-type: none"> <li>□ Historical and contemporary perspectives</li> <li>□ Epidemiological aspects of maternal and child health</li> <li>□ Magnitude of maternal and child health problems</li> <li>□ Issues of maternal and child health : Age, Gender, Sexuality, psycho Socio cultural factors</li> <li>□ Preventive obstetrics</li> <li>□ National health and family welfare programmes related to maternal and child health: health care delivery system- National Rural health mission, Role of NGO's</li> <li>□ Theories, models and approaches applied to midwifery practice</li> <li>□ Role and scope of midwifery practice: Independent Nurse midwifery practitioner</li> <li>□ Legal and Ethical issues: Code of ethics and standards of midwifery practice, standing orders</li> <li>□ Evidence based midwifery practice</li> <li>□ Research priorities in obstetric and gynaecological nursing.</li> </ul>
<b>II</b>	<b>15</b>	<b>Human reproduction</b> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology of human reproductive system: male and female</li> <li>□ Hormonal cycles</li> <li>□ Embryology</li> <li>□ Genetics, teratology and counseling</li> <li>□ Clinical implications</li> </ul>





III	25	<p><b>Pregnancy</b></p> <ul style="list-style-type: none"> <li>□ Maternal adaptation : Physiological, psychosocial           <ul style="list-style-type: none"> <li>• Assessment – Maternal and foetal measures Maternal measures:History taking , examination-General,physical and obstetrical measure, identification of high risk,</li> <li>• Foetal measure- clinical parameters, biochemical- human estriol, Maternal Serum Alfa Feto Protein, Acetyl Choline esterase (AchE), Triple Test Aminocentesis, Cordocentesis, chorionic villus sampling (CVS)),</li> <li>• Biophysical- (US IMAGING, Foetal movement count, Ultra Sonography, Cardiotocography, cardiotomography, Non Stress Test(NST), Contraction stress test(CST), amnioscopy, foetoscopy,</li> <li>• Radiological examination,</li> </ul> </li> <li>□ Interpretation of diagnostic tests and nursing implications</li> <li>□ Nursing management of the pregnant women, minor disorders of pregnancy and management, preparation for child birth and parenthood, importance of institutional delivery , choice of birthsetting, importance and mobilizing of transportation, prenatal counseling, role of nurse and crisis intervention, identification of high risk pregnancy and refer</li> <li>□ Alternative/complementary therapies</li> </ul>
IV	25	<p><b>Normal Labour and nursing management:</b></p> <ul style="list-style-type: none"> <li>□ Essential factors of labour</li> <li>□ Stages and onset</li> </ul> <p><b>First stage: Physiology of normal labour</b></p> <ul style="list-style-type: none"> <li>• Use of partograph: Principles, use and critical analysis, evidence based studies</li> <li>• Analgesia and anaesthesia in labour</li> <li>• Nursing management</li> </ul> <p><b>Second stage</b></p> <ul style="list-style-type: none"> <li>• Physiology , intrapartum monitoring</li> <li>• Nursing management.</li> <li>• Resuscitation , immediate newborn care and initiate breast feeding (Guidelines of National neonatology forum of India)</li> </ul> <p><b>Third stage</b></p> <ul style="list-style-type: none"> <li>• Physiology and nursing management</li> </ul> <p><b>Fourth stage – Observation, critical analysis and Nursing management.</b></p> <ul style="list-style-type: none"> <li>• Various child birth practice: water birth, position change etc</li> </ul>





		<ul style="list-style-type: none"> <li>Evidence based practice in relation to labour intervention</li> </ul> <p><b>Role of nurse midwifery practitioner</b> Alternative/complementary therapies</p>
<b>V</b>	<b>20</b>	<p><b>Normal puerperium and nursing management</b></p> <ul style="list-style-type: none"> <li>Physiology of puerperium</li> <li>Physiology of lactation, lactation management, exclusive breastfeeding, Baby friendly hospital initiative (BFHI)</li> <li>Assessment of postnatal women.</li> <li>Minor discomforts and complications of puerperium</li> <li>Management of mothers during puerperium: Postnatal exercises Rooming in, bonding, warm chain</li> <li>Evidence based studies</li> </ul> <p><b>Role of nurse midwifery practitioner</b> Alternative/complementary therapies</p>
<b>VI</b>	<b>20</b>	<p><b>Normal Newborn</b></p> <ul style="list-style-type: none"> <li>Physiology and characteristics of normal newborn</li> <li>Physical and Behavioural assessment of newborn</li> <li>Needs of newborn</li> <li>Essential newborn care: Exclusive breast feeding, Immunization, Hygiene measures, Newborn nutrition</li> <li>Organization of neonatal care, services (Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU</li> <li>Observation and care of newborn</li> </ul> <p>Parenting process</p>
<b>VII</b>	<b>10</b>	<p><b>Pharmacodynamics in obstetrics</b></p> <ul style="list-style-type: none"> <li>Drugs used in pregnancy, labour, post partum and newborn</li> <li>Calculation of drug dose and administration</li> <li>Effects of drugs used</li> <li>Anaesthesia and analgesia in obstetrics</li> <li>Roles and responsibilities of midwifery nurse practitioner</li> </ul> <p>Standing orders and protocols and use of selected life saving drugs and interventions of obstetric emergencies approved by the MOHFW</p>
<b>VIII</b>	<b>10</b>	<p><b>Family welfare services</b></p> <ul style="list-style-type: none"> <li>Population dynamics</li> <li>Demography trends: vital statistics, calculation of indicators especially maternal and neonatal mortality rates and problems and other health problems</li> <li>Recent advancement in contraceptive technology</li> <li>Role of nurses in family welfare programmes in all settings</li> </ul>





		<ul style="list-style-type: none"> <li>□ Role of independent nurse midwifery practitioner</li> <li>□ Family life education</li> <li>□ Evidence based studies</li> <li>□ Information, Education and Communication(IEC)</li> <li>□ Management information and evaluation system(MIES)</li> </ul> <p>Teaching and supervision of health team members</p>
<b>IX</b>	<b>5</b>	<p><b>Infertility</b></p> <ul style="list-style-type: none"> <li>□ Primary and secondary causes</li> <li>□ Diagnostic procedures</li> <li>□ Counseling: ethical and legal aspects of assisted reproductive technology(ART)</li> <li>□ Recent advancement in infertility management.</li> <li>□ Adoption procedures</li> </ul> <p>Role of nurses in infertility management.</p>
<b>X</b>	<b>5</b>	<p><b>Menopause</b></p> <ul style="list-style-type: none"> <li>□ Physiological, psychological and social aspects</li> <li>□ Hormone Replacement Therapy</li> <li>□ Surgical menopause</li> <li>□ Counseling and guidance</li> </ul> <p>Role of midwifery nurse practitioner</p>
<b>XI</b>	<b>5</b>	<p><b>Abortion</b></p> <ul style="list-style-type: none"> <li>□ Types, causes</li> <li>□ Legislations, Clinical rights and professional responsibility</li> <li>□ Abortion procedures</li> <li>□ Complications</li> <li>□ Nursing management</li> </ul> <p>Role of midwifery nurse practitioner</p>

#### REFERENCE BOOKS:

1. Buckley Kathleen and Kulb Nancy W, " high Risk Maternity Nursing Manual" Edn, Williams & Wilkin, 1993, Philadelphia.
2. ennet V Ruth & Brown K Linda, "Myle" text Book for Midwives, ELBS, Churchill , Livingstone





Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

<b>Cos</b>	<b>POs/ PSOs</b>
<b>COs 1</b>	Pos-1 , PSOs-1 to 7
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(Gujarat Private State University Act 4 of 2018)

## **FNM115401 - CLINICAL SPECIALTY –I CHILD HEALTH (PAEDIATRIC) NURSING**

Placement : 1<sup>st</sup> Year

Hours of Instruction

Theory 150 Hours

Practical 650 Hours

Total : 800 Hours

### **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 Paediatric nursing

### **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



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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

### Course Content

Unit	Hours	Content
<b>I</b>	<b>10</b>	<b>Introduction</b> <ul style="list-style-type: none"><li>□ Historical development of Pediatrics and Pediatric Nursing in India;</li><li>□ Current status of child health in India;</li><li>□ Trends in Pediatrics and Pediatric Nursing,</li><li>□ Ethical and cultural issues in pediatric care</li><li>□ Rights of children</li><li>□ National health policy for children, special laws and ordinances relating to children.</li><li>□ National goals,</li><li>□ Five year plans,</li><li>□ National health programs related to child health.</li></ul>
<b>II</b>	<b>10 Hrs</b>	<b>Assessment of pediatric clients</b> <ul style="list-style-type: none"><li>□ History taking</li><li>□ Developmental assessment</li><li>□ Physical assessment</li><li>□ Nutritional assessment</li><li>□ Family assessment</li></ul>
<b>III</b>	<b>10</b>	<b>Hospitalized child</b> <ul style="list-style-type: none"><li>□ Meaning of hospitalization of the child, preparation for hospitalization, effects of hospitalization on the child and family</li><li>□ Stressors and reactions related to developmental stages, play activities for ill hospitalized child.</li><li>□ Nursing care of hospitalized child and family -principles and practices</li></ul>





<b>IV</b>	<b>15</b>	<b>Pre-natal Pediatrics</b> <ul style="list-style-type: none"> <li>□ Embryological and fetal development, Prenatal factors influencing growth and development of fetus,</li> <li>□ 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,</li> <li>□ Importance of prenatal care and role of pediatric nurse.</li> </ul>
<b>V</b>	<b>15</b>	<b>Growth and Development of children</b> <ul style="list-style-type: none"> <li>□ Principles of growth and development,</li> <li>□ Concepts and theories of growth and development,</li> <li>□ Developmental tasks and special needs from infancy to adolescence, developmental milestones,</li> <li>□ Assessment of growth and development of pediatric clients,</li> <li>□ Factors affecting growth and development.</li> </ul>
<b>VI</b>	<b>15</b>	<b>Behavioral Pediatrics and Pediatric Nursing</b> <ul style="list-style-type: none"> <li>□ Parent child relationship,</li> <li>□ Basic behavioral pediatric principles and specific behavioral pediatric concepts/disorders- maternal deprivation, failure</li> </ul>
<b>VII</b>	<b>15</b>	<b>Preventive Pediatrics and Pediatric Nursing</b> <ul style="list-style-type: none"> <li>□ Concept, aims and scope of preventive pediatrics,</li> <li>□ Maternal health and its influence on child health antenatal aspects of preventive pediatrics,</li> <li>□ Immunization, expanded program on immunization/ universal immunization program and cold chain,</li> <li>□ Nutrition and nutritional requirements of children, changing patterns of feeding, baby- friendly hospital initiative and exclusive breast feeding,</li> <li>□ Health education, nutritional education for children</li> <li>□ Nutritional programs</li> <li>□ National and international organizations related to child health,</li> </ul> <p>Role of pediatric nurse in the hospital and community.</p>
<b>VIII</b>	<b>30</b>	<b>Neonatal Nursing</b> <ul style="list-style-type: none"> <li>□ New born baby- profile and characteristics of the new born,</li> <li>□ Assessment of the new born,</li> <li>□ Nursing care of the new born at birth, care of the new born and family,</li> <li>□ High risk newborn- pre term and term neonate and growth retarded babies,</li> <li>□ Identification and classification of neonates with infections, HIV &amp; AIDS, Ophthalmia neonatorum, congenital syphilis.</li> </ul>





		<ul style="list-style-type: none"> <li>□ High risk new born- Identification, classification and nursing management</li> <li>□ Organization of neonatal care, services(Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU.</li> </ul>
<b>IX</b>	<b>30</b>	<b>IMNCI</b> (Integrated management of neonatal and childhood illnesses)

## REFERENCE BOOKS:

1. Achar ST and Viswanathan ; "Text book of Paediatrics; A Clinical Approach "Orient Longman, Mumbai
2. Alexander NM, Brown MS; " Paediatric Physical Diagnosis for Nurses" McGraw Hill Book Co, New York

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

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**FNM115301 - CLINICAL SPECIALITY – I**

## **MENTAL HEALTH (PSYCHIATRIC) NURSING**

**Placement: 1<sup>st</sup> Year**

**Hours of Instruction**

**Theory 150 hours**

**Practical 650 hours**

**Total : 800 hours**

### **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

1. Appreciate the trends and issues in the field of psychiatry and psychiatric nursing.
2. Explain the dynamics of personality development and human behaviour.
3. Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing
4. Demonstrate therapeutic communications skills in all interactions
5. Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities
6. Establish and maintain therapeutic relationship with individual and groups
7. Uses assertive techniques in personal and professional actions
8. Promotes 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



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11. Reco-gnize 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



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## Course Content

Units	Hours	Content
<b>I</b>	<b>15</b>	<b>Introduction</b> <ul style="list-style-type: none"> <li>□ Mental Health and Mental Illness</li> <li>□ Historical perspectives</li> <li>□ Trends, issues and magnitude</li> <li>□ Contemporary practices</li> <li>□ Mental health laws/Acts</li> <li>□ National mental health program -National mental health authority, state mental health authority</li> <li>□ Human rights of mentally ill</li> <li>□ Mental Health/ Mental Illness Continuum</li> <li>□ Classification of mental illnesses-ICD, DSM</li> <li>□ Standards of Psychiatric nursing</li> <li>□ Challenges and Scope of psychiatric nursing</li> <li>□ Multi-disciplinary team and role of nurse</li> </ul> <p>Role of psychiatric nurse- extended and expanded</p>
<b>II</b>	<b>10</b>	<b>Concepts of Psychobiology</b> <ul style="list-style-type: none"> <li>□ The Nervous System: <ul style="list-style-type: none"> <li>• An Anatomical Review</li> <li>• The Brain and limbic system</li> <li>• Nerve Tissue</li> <li>• Autonomic Nervous system</li> <li>• Neurotransmitters</li> </ul> </li> <li>□ Neuroendocrinology <ul style="list-style-type: none"> <li>• Pituitary, Thyroid Gland</li> <li>• Circadian Rhythms</li> </ul> </li> <li>□ Genetics</li> <li>□ Neuro psychiatric disorders</li> <li>□ Psychoimmunology <ul style="list-style-type: none"> <li>• Normal Immune response</li> <li>• Implications for psychiatric Illness</li> </ul> </li> <li>□ Implications for Nursing</li> </ul>



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<b>III</b>	<b>10</b>	<b>Theories of Personality Development and relevance to nursing practice</b> <ul style="list-style-type: none"> <li>□ Psychoanalytic Theory- Freud's</li> <li>□ Interpersonal Theory-Sullivan's</li> <li>□ Theory of Psychosocial Development-Erikson's</li> <li>□ Theory of object relations</li> <li>□ Cognitive Development Theory</li> <li>□ Theory of Moral Development</li> <li>□ A Nursing Model-Hildegard E.Peplau</li> </ul>
<b>IV</b>	<b>5</b>	<b>Stress and its management</b> <ul style="list-style-type: none"> <li>□ An introduction to the concepts of stress</li> <li>□ Psychological Adaptation to stress</li> <li>□ Stress as a Biological Response.</li> <li>□ Stress as an Environmental Event.</li> <li>□ Stress as Transaction between the Individual and the Environment.</li> <li>□ Stress management.</li> </ul>
<b>V</b>	<b>10</b>	<b>Therapeutic communication and interpersonal relationship</b> <ul style="list-style-type: none"> <li>□ Review communication process, factors affecting communication</li> <li>□ Communication with individuals and in groups</li> <li>□ Techniques of therapeutic communication-touch therapy</li> <li>□ Barrier of communication with specific reference to psychopathology</li> <li>□ Therapeutic attitudes</li> <li>□ Dynamics of a therapeutic Nurse-client relationship; Therapeutic use of self Gaining self-awareness</li> <li>□ Therapeutic nurse-patient relationship its phases ; Conditions essential to development of a therapeutic relationship</li> </ul> <b>Therapeutic impasse and its management</b>
<b>VI</b>	<b>10</b>	<b>Assertive Training</b> <ul style="list-style-type: none"> <li>□ Assertive Communication</li> <li>□ Basic Human Rights</li> <li>□ Response Patterns <ul style="list-style-type: none"> <li>• (Nonassertive Behavior</li> <li>• Assertive Behavior</li> <li>• Aggressive Behavior</li> <li>• Passive-Aggressive Behavior)</li> </ul> </li> <li>□ Behavioral Components of Assertive Behavior</li> <li>□ Techniques that Promote Assertive Behavior</li> <li>□ Thought-Stopping Techniques Method</li> </ul> <b>Role of The Nurse</b>







Units	Hours	Content
<b>VII</b>	<b>10</b>	<b>Promoting Self-Esteem</b> <ul style="list-style-type: none"> <li>□ Components of Self-Concept</li> <li>□ The Development of Self-Esteem</li> <li>□ The Manifestations of Low-Self-Esteem</li> <li>□ Boundaries</li> <li>□ Role of The Nurse</li> </ul>
	<b>5</b>	<b>Women and Mental Health</b> <p>Normal reaction to conception, pregnancy and puerperium Problems related to conception, pregnancy and puerperium and its management.</p> <ul style="list-style-type: none"> <li>□ Counselling – Premarital, marital and genetic</li> </ul>
<b>VIII</b>	<b>10</b>	<b>The nursing process in psychiatric/mental health nursing</b> <ul style="list-style-type: none"> <li>□ Mental health assessment- History taking, mental status examination</li> <li>□ Physical and neurological examination</li> <li>□ Psychometric assessment</li> <li>□ Investigations, Diagnosis and Differential diagnosis</li> <li>□ Interpretation of investigations</li> <li>□ Nurse's role</li> <li>□ Nursing case management <ul style="list-style-type: none"> <li>Critical pathways of care</li> </ul> </li> <li>□ Documentation <ul style="list-style-type: none"> <li>Problem-oriented recording</li> <li>Focus charting</li> </ul> </li> <li>The PIE method</li> </ul>
<b>IX</b>	<b>35</b>	<b>Psycho social and physical therapies</b> <ul style="list-style-type: none"> <li>□ Individual therapy</li> <li>□ Behavioural Therapy- Relaxation therapy, cognitive therapy, positive- negative reinforcement, bio-feedback, guided imagery, ab-reactive therapy</li> <li>□ Group Therapy</li> <li>□ Family Therapy</li> <li>□ Milieu Therapy</li> <li>□ The Therapeutic Community</li> <li>□ Occupational therapy</li> </ul>





Units	Hours	Content
<b>X</b>	<b>10</b>	<b>Psychopharmacology</b> <ul style="list-style-type: none"> <li>□ Historical Perspectives</li> <li>□ Role of a Nurse in Psychopharmacological Therapy <ul style="list-style-type: none"> <li>• Antianxiety Agents</li> <li>• Antidepressants Agents</li> <li>• Mood stabilizers</li> <li>□ Antipsychotics</li> <li>• Sedative-Hypnotics</li> <li>• Central Nervous System Stimulants</li> <li>Future developments</li> </ul> </li> </ul>
<b>XI</b>	<b>5</b>	<b>Electroconvulsive Therapy</b> <ul style="list-style-type: none"> <li>□ Historical Perspectives</li> <li>□ Indications</li> <li>□ Contraindications</li> <li>□ Mechanisms of Action</li> <li>□ Side Effects</li> <li>□ Risks Associated with Electroconvulsive Therapy</li> <li>□ The Role of The Nurse in Electroconvulsive Therapy</li> </ul>
<b>XII</b>	<b>15</b>	<b>Alternative systems of medicine in mental health</b> <ul style="list-style-type: none"> <li>□ Types of Therapies <ul style="list-style-type: none"> <li>• Herbal Medicine</li> <li>• Unani</li> <li>• Siddha</li> <li>• Homeopathic</li> <li>• Acupressure and Acupuncture</li> <li>• Diet and Nutrition</li> <li>• Chiropractic Medicine</li> <li>• Therapeutic Touch and Massage</li> <li>• Yoga</li> </ul> </li> <li>Pet Therapy</li> </ul>



## REFERENCE BOOKS:

1. Bhatia, B.D. and Craig, M: Elements of psychology and mental hygiene for nurses; Chennai : Orient Longman Pvt. Ltd
2. Dandekar, W.N. : Fundamentals of experimental psychology ; Kolhapur : Moghe Prakashan

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

Cos	POs/ PSOs
COs 1	Pos-1 , PSOs-1 to 7
COs 2	Pos-1 , PSOs-1 to 7
COs 3	Pos-1 , PSOs-1 to 7
COs 4	Pos-1 , PSOs-1 to 7
COs 5	Pos-1 , PSOs-1 to 7
COs 6	Pos-1 , PSOs-1 to 7
COs 7	Pos-1 , PSOs-1 to 7
COs 8	Pos-1 , PSOs-1 to 7
COs 9	Pos-1 , PSOs-1 to 7
COs 10	Pos-1 , PSOs-1 to 7
COs 11	Pos-1 , PSOs-1 to 7
COs 12	Pos-1 , PSOs-1 to 7
COs 13	Pos-1 , PSOs-1 to 7



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FNM115501 - CLINICAL SPECIALITY-I

## COMMUNITY HEALTH NURSING

Placement: 1st year

Hours of Instruction

Theory: 150 Hours.

Practical: 650 Hours.

Total: 800 Hours

### 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.

### Objectives

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

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 aspects of 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



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nursing care.

10. Conduct community health nursing care projects.
11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.
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 nurses and the community health workers.
16. Demonstrate leadership and managerial abilities in community health nursing practice



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## Course Content

Unit	Hours	Content
<b>I</b>	<b>10</b>	<b>Introduction</b> <ul style="list-style-type: none"> <li>□ Historical development of Community Health and Community health Nursing- World and India, various health and family welfare committees</li> <li>□ Current status, trends and challenges of Community Health Nursing</li> <li>□ Health status of the Community-community diagnosis</li> <li>□ Scope of Community health Nursing practice</li> <li>□ Ethical and legal issues</li> <li>□ Socio-cultural issues in Community health Nursing</li> <li>□ National Policies, plans and programmes <ul style="list-style-type: none"> <li>• National health policy</li> <li>• National Population policy</li> <li>• National Health and welfare Programmes</li> <li>• National Health goals/ indicators/ Millennium developmental goals(MDG)/ Strategies</li> <li>• Planning process: Five year plans</li> <li>• National Rural Health Mission</li> <li>• Panchayat raj institutions</li> </ul> </li> </ul>
<b>II</b>	<b>10</b>	<b>Health</b> <ul style="list-style-type: none"> <li>□ Concepts, issues</li> <li>□ Determinants</li> <li>□ Measurements</li> <li>□ Alternate systems for health promotion and management of health problems</li> <li>□ Health economics</li> <li>□ Health technology</li> <li>□ Genetics and health</li> <li>□ Waste disposal</li> <li>□ Eco system</li> </ul>
<b>III</b>	<b>15</b>	<b>Population dynamics and control</b> <ul style="list-style-type: none"> <li>□ Demography</li> <li>□ Transition and theories of population</li> <li>□ National population policy</li> <li>□ National population programmes</li> <li>□ Population control and related programmes</li> <li>□ Methods of family limiting and spacing</li> <li>□ Research, Census, National Family Health Survey</li> </ul>



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Unit	Hours	Content
<b>IV</b>	<b>30</b>	<b>Community health Nursing</b> <ul style="list-style-type: none"> <li>□ Philosophy, Aims, Objectives, Concepts, Scope, Principles, Functions</li> <li>□ Community health Nursing theories and models</li> <li>□ Quality assurance: Community health Nursing standards, competencies, Monitoring community health nursing, nursing audits</li> <li>□ Family nursing and Family centered nursing approach</li> <li>□ Family health nursing process <ul style="list-style-type: none"> <li>○ Family health assessment</li> <li>○ Diagnosis</li> <li>○ Planning</li> <li>○ Intervention</li> <li>○ Evaluation</li> </ul> </li> <li>□ Nursing care for special groups: children, adolescents, adults, women, elderly, physically and mentally challenged- Urban and rural population at large</li> <li>□ Community nutrition</li> <li>□ Concept, role and responsibilities of community health Nurse practitioners/nurse midwifery practitioners-decision making skills, professionalism, legal issues</li> </ul>
<b>V</b>	<b>45</b>	<b>Maternal and neonatal care</b> <ul style="list-style-type: none"> <li>□ IMNCI(Integrated Management of Neonatal And Childhood Illnesses) module</li> <li>□ Skilled Birth Attendant (SBA) module</li> </ul>
<b>VI</b>	<b>15</b>	<ul style="list-style-type: none"> <li>□ Disaster nursing (INC module on Reaching out: Nursing Care in emergencies)</li> </ul>
<b>VII</b>	<b>10</b>	<b>Information, education and communication</b> <ul style="list-style-type: none"> <li>□ IEC/BCC: Principles and strategies</li> <li>□ Communication Skills</li> <li>□ Management information and evaluation system: Records and reports</li> <li>□ Information technology</li> <li>□ Tele-medicine and tele-nursing</li> <li>□ Journalism</li> <li>□ Mass media</li> <li>□ Folk media</li> </ul>



<b>VIII</b>	<b>15</b>	<b>Health care delivery system: Urban, rural, tribal and difficult areas</b> <ul style="list-style-type: none"> <li>□ 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</li> <li>□ Critical review of functioning of various levels, evaluation studies, recommendations and nursing perspectives</li> <li>□ Alternative systems of medicine</li> <li>□ Training and supervision of health workers</li> <li>□ Health agencies: NGO's, Roles and functions</li> <li>□ Inter-sectoral coordination</li> <li>□ Public private partnership</li> <li>□ Challenges of health care delivery system</li> </ul>
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### REFERENCE BOOKS:

1. Karon Saucier Lundy; Sharyn James; "Caring for the Public Health" Jones & Barlett Publishers
2. Philis E Schubert ; Janice E (EDT)" Community Health Nursing: Caring in action"; Thomson Delmor learning .

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

Cos	POs/ PSOs
COs 1	Pos-1 , PSOs-1 to 7
COs 2	Pos-1 , PSOs-1 to 7
Cos 3	Pos-1 , PSOs-1 to 7
COs 4	Pos-1 , PSOs-1 to 7
COs 5	Pos-1 , PSOs-1 to 7
COs 6	Pos-1 , PSOs-1 to 7
COs 7	Pos-1 , PSOs-1 to 7
COs 8	Pos-1 , PSOs-1 to 7
COs 9	Pos-1 , PSOs-1 to 7
COs 10	Pos-1 , PSOs-1 to 7
COs 11	Pos-1 , PSOs-1 to 7
COs 12	Pos-1 , PSOs-1 to 7
COs 13	Pos-1 , PSOs-1 to 7
COs 14	Pos-1 , PSOs-1 to 7
COs 15	Pos-1 , PSOs-1 to 7
COs 16	Pos-1 , PSOs-1 to 7



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## FNM115003 - NURSING RESEARCH AND STATISTICS

Placement: 1st year

Hours of Instruction

Theory: 150 Hours.

Practical: 100 Hours.

Total: 250 Hours

### **Part-A : Nursing Research**

Theory 100 Hours

Practical 50 Hours

Total : 150 Hours

### 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.

### **General Objectives:**

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

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



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## Content Outline

Unit	Hours		Course Content
	Theory	Practical	
<b>I</b>	<b>10</b>		<b>Introduction:</b> <ul style="list-style-type: none"> <li>□ Methods of acquiring knowledge – problem solving and scientific method.</li> <li>□ Research – Definition, characteristics, purposes, kinds of research</li> <li>□ Historical Evolution of research in nursing</li> <li>□ Basic research terms</li> <li>□ Scope of nursing research: areas, problems in nursing, health and social research</li> <li>□ Concept of evidence based practice</li> <li>□ Ethics in research</li> <li>□ Overview of Research process</li> </ul>
<b>II</b>	<b>5</b>	<b>5</b>	<b>Review of Literature</b> <ul style="list-style-type: none"> <li>□ Importance, purposes, sources, criteria for selection of resources and steps in reviewing literature.</li> </ul>
<b>III</b>	<b>12</b>		<b>Research Approaches and designs</b> <ul style="list-style-type: none"> <li>□ Type: Quantitative and Qualitative</li> <li>□ Historical, survey and experimental –Characteristics, types advantages and disadvantages</li> <li>□ Qualitative: Phenomenology, grounded theory, ethnography</li> </ul>
<b>IV</b>	<b>10</b>	<b>5</b>	<b>Research problem:</b> <ul style="list-style-type: none"> <li>□ Identification of research problem</li> <li>□ Formulation of problem statement and research objectives</li> <li>□ Definition of terms</li> <li>□ Assumptions and delimitations</li> <li>□ Identification of variables</li> <li>□ Hypothesis – definition, formulation and types.</li> </ul>
<b>V</b>	<b>5</b>	<b>5</b>	<b>Developing theoretical/conceptual framework.</b> <ul style="list-style-type: none"> <li>□ Theories: Nature, characteristics, Purpose and uses</li> <li>□ Using, testing and developing conceptual framework, models and theories.</li> </ul>





<b>VI</b>	<b>6</b>		<b>Sampling</b> <ul style="list-style-type: none"> <li>□ Population and sample</li> <li>□ Factors influencing sampling</li> <li>□ Sampling techniques</li> <li>□ Sample size</li> <li>□ Probability and sampling error</li> <li>□ Problems of sampling</li> </ul>
<b>VII</b>	<b>20</b>	<b>10</b>	<b>Tools and methods of Data collection:</b> <ul style="list-style-type: none"> <li>□ Concepts of data collection</li> <li>□ Data sources, methods/techniques quantitative and qualitative.</li> <li>□ Tools for data collection – types, characteristics and their development</li> <li>□ Validity and reliability of tools</li> </ul> <b>Procedure for data collection</b>
<b>VII I</b>	<b>5</b>		<b>Implementing research plan</b> <ul style="list-style-type: none"> <li>□ Pilot Study, review research plan (design)., planning for data collection, administration of tool/interventions, collection of data</li> </ul>
<b>IX</b>	<b>10</b>	<b>10</b>	<b>Analysis and interpretation of data</b> <ul style="list-style-type: none"> <li>□ Plan for data analysis: quantitative and qualitative</li> <li>□ Preparing data for computer analysis and presentation.</li> <li>□ Statistical analysis</li> <li>□ Interpretation of data</li> <li>□ Conclusion and generalizations</li> </ul> <b>Summary and discussion</b>
<b>X</b>	<b>10</b>		<b>Reporting and utilizing research findings:</b> <ul style="list-style-type: none"> <li>□ Communication of research results; oral and written</li> <li>□ Writing research report purposes, methods and style- vancouver, American Psychological Association(APA), Campbell etc</li> </ul> <b>Writing scientific articles for publication: purposes &amp; style</b>
<b>XI</b>	<b>3</b>	<b>8</b>	<b>Critical analysis of research reports and articles</b>
<b>XII</b>	<b>4</b>	<b>7</b>	<b>Developing and presenting a research proposal</b>





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## **Part –B : Statistics**

Hours of Instruction  
Theory 50 Hours  
Practical 50 Hours  
Total : 100 Hours

### Course Description

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

### **General Objectives**

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

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



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Unit	Hours		Course Content
	Theory	Practical	
<b>I</b>	<b>7</b>	<b>4</b>	<b>Introduction:</b> <ul style="list-style-type: none"> <li>□ Concepts, types, significance and scope of statistics, meaning of data,</li> <li>□ sample, parameter</li> <li>□ type and levels of data and their measurement</li> <li>□ Organization and presentation of data – Tabulation of data;</li> <li>□ Frequency distribution</li> <li>□ Graphical and tabular presentations.</li> </ul>
<b>II</b>	<b>4</b>	<b>4</b>	<b>Measures of central tendency:</b> <ul style="list-style-type: none"> <li>□ Mean, Median, Mode</li> </ul>
<b>III</b>	<b>4</b>	<b>5</b>	<b>Measures of variability;</b> <ul style="list-style-type: none"> <li>□ Range, Percentiles, average deviation, quartile deviation, standard deviation</li> </ul>
<b>IV</b>	<b>3</b>	<b>2</b>	<b>Normal Distribution:</b> <ul style="list-style-type: none"> <li>□ Probability, characteristics and application of normal probability curve; sampling error.</li> </ul>
<b>V</b>	<b>6</b>	<b>8</b>	<b>Measures of relationship:</b> <ul style="list-style-type: none"> <li>□ Correlation – need and meaning</li> <li>□ Rank order correlation;</li> <li>□ Scatter diagram method</li> <li>□ Product moment correlation</li> </ul> Simple linear regression analysis and prediction.
<b>VI</b>	<b>5</b>	<b>2</b>	<b>Designs and meaning:</b> <ul style="list-style-type: none"> <li>□ Experimental designs</li> </ul> Comparison in pairs, randomized block design, Latin squares.
<b>VII</b>	<b>8</b>	<b>10</b>	<b>Significance of Statistic and Significance of difference between two Statistics (Testing hypothesis)</b> <ul style="list-style-type: none"> <li>□ Non parametric test – Chi-square test, Sign, median test, Mann Whitney test.</li> </ul> Parametric test – ‘t’ test, ANOVA, MANOVA, ANCOVA
<b>VIII</b>	<b>5</b>	<b>5</b>	<b>Use of statistical methods in psychology and education:</b> <ul style="list-style-type: none"> <li>□ Scaling – Z Score, Z Scaling</li> <li>□ Standard Score and T Score</li> </ul> Reliability of test Scores: test-retest method, parallel forms, split half method.



Unit	Hours		Course Content
	Theory	Practical	
<b>IX</b>	<b>4</b>	<b>2</b>	<b>Application of statistics in health:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Ratios, Rates, Trends</li> <li><input type="checkbox"/> Vital health statistics – Birth and death rates.</li> <li><input type="checkbox"/> Measures related to fertility, morbidity and mortality</li> </ul>
<b>X</b>	<b>4</b>	<b>8</b>	<b>Use of Computers for data analysis</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> <input type="checkbox"/> Use of statistical package.</li> </ul>

#### REFERENCE BOOKS:

1. Basavanthappa, B.T., Nursing Research, Jaypee Brothers, New Delhi .
2. Garrett, H.E. Statistic in Psychology & education. Vakils, Feffer and Samons, C Bombay.

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

Cos	POs/ PSOs
COs 1	Pos-1 , PSOs-1 to 7
COs 2	Pos-1 , PSOs-1 to 7
Cos 3	Pos-1 , PSOs-1 to 7
COs 4	Pos-1 , PSOs-1 to 7
COs 5	Pos-1 , PSOs-1 to 7
COs 6	Pos-1 , PSOs-1 to 7
COs 7	Pos-1 , PSOs-1 to 7



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## FNM125101 - NURSING MANAGEMENT

Placement : II Year

Hours of Instruction  
Theory 150 Hours  
Practical 150 Hours  
Total : 300 Hours

### Course Description

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

### Objectives

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

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



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## Course Content

Unit	Hours	Content
<b>I</b>	<b>10</b>	<b>Introduction</b> <ul style="list-style-type: none"> <li>□ Philosophy, purpose, elements, principles and scope of administration</li> <li>□ Indian Constitution, Indian Administrative system vis a vis healthcare delivery system: National, State and Local</li> <li>□ Organisation and functions of nursing services and education at National, State, District and institutions: Hospital and Community</li> <li>□ Planning process: Five year plans, Various Committee Reports on health, State and National Health policies, national population policy, national policy on AYUSH and plans,</li> </ul>
<b>II</b>	<b>10</b>	<b>Management</b> <ul style="list-style-type: none"> <li>□ Functions of administration</li> <li>□ Planning and control</li> <li>□ Co-ordination and delegation</li> <li>□ Decision making – decentralization basic goals of decentralization.</li> <li>□ Concept of management</li> </ul> <b>Nursing management</b> <ul style="list-style-type: none"> <li>□ Concept, types, principles and techniques</li> <li>□ Vision and Mission Statements</li> <li>□ Philosophy, aims and objective</li> <li>□ Current trends and issues in Nursing Administration</li> <li>□ Theories and models</li> </ul>
<b>III</b>	<b>15</b>	<b>Planning</b> <ul style="list-style-type: none"> <li>□ Planning process: Concept, Principles, Institutional policies</li> <li>□ Mission, philosophy, objectives,</li> <li>□ Programme evaluation and review technique(PERT), Gantt chart, Management by objectives(MBO)</li> <li>□ Planning new venture</li> <li>□ Planning for change</li> <li>□ Innovations in nursing</li> </ul> Application to nursing service and education
<b>IV</b>	<b>15</b>	<b>Organisation</b> <ul style="list-style-type: none"> <li>□ Concept, principles, objectives, Types and theories, Minimum requirements for organisation, Developing an organizational Structure, Organising nursing services and patient care: Methods of patient assignment- Advantages and disadvantages, primary nursing care,</li> <li>□ Planning and Organising: hospital, unit and ancillary services(specifically central sterile supply department, laundry, kitchen, laboratory services, emergency etc)</li> </ul>





Unit	Hours	Content
		<ul style="list-style-type: none"> <li>□ Disaster management: plan, resources, drill, etc</li> </ul> <p>Application to nursing service and education</p>
<b>V</b>	<b>15</b>	<p><b>Human Resource for health</b></p> <ul style="list-style-type: none"> <li>□ Staffing <ul style="list-style-type: none"> <li>• Philosophy</li> <li>• Norms: Staff inspection unit(SIU), Bajaj Committee, High power committee, Indian nursing council (INC)</li> <li>• Estimation of nursing staff requirement- activity analysis</li> <li>• Various research studies</li> </ul> </li> <li>□ Recruitment: credentialing, selection, placement, promotion</li> <li>□ Retention</li> <li>□ Personnel policies</li> <li>□ Termination</li> <li>□ Staff development programme</li> <li>□ Duties and responsibilities of various category of nursing personnel</li> </ul> <p>Applications to nursing service and education</p>
<b>VI</b>	<b>15</b>	<p><b>Directing</b></p> <ul style="list-style-type: none"> <li>□ Roles and functions</li> <li>□ Motivation: Intrinsic, extrinsic, Creating motivating climate, Motivational theories</li> <li>□ Communication : process, types, strategies, Interpersonal communication, channels, barriers, problems, Confidentiality, Public relations</li> <li>□ Delegation; common delegation errors</li> <li>□ Managing conflict: process, management, negotiation, consensus</li> <li>□ Collective bargaining: health care labour laws, unions, professional associations, role of nurse manager</li> <li>□ Occupational health and safety Application</li> </ul> <p>to nursing service and education</p>
<b>VII</b>	<b>10</b>	<p><b>Material management</b></p> <ul style="list-style-type: none"> <li>□ Concepts, principles and procedures</li> <li>□ Planning and procurement procedures : Specifications</li> <li>□ ABC analysis,</li> <li>□ VED (very important and essential daily use) analysis</li> <li>□ Planning equipments and supplies for nursing care: unit and hospital</li> <li>□ Inventory control</li> <li>□ Condemnation</li> </ul> <p>Application to nursing service and education</p>





Unit	Hours	Content
<b>VIII</b>	<b>15</b>	<b>Controlling</b> <ul style="list-style-type: none"> <li>□ Quality assurance – Continuous Quality Improvement <ul style="list-style-type: none"> <li>• Standards</li> <li>• Models</li> </ul> </li> <li>□ Nursing audit</li> <li>□ Performance appraisal: Tools, confidential reports, formats, Management, interviews</li> <li>□ Supervision and management: concepts and principles</li> <li>□ Discipline: service rules, self discipline, constructive versus destructive discipline, problem employees, disciplinary proceedings-enquiry etc</li> <li>□ Self evaluation or peer evaluation, patient satisfaction, utilization review</li> </ul> <p>Application to nursing service and education</p>
<b>IX</b>	<b>15</b>	<b>Fiscal planning</b> <ul style="list-style-type: none"> <li>□ Steps</li> <li>□ Plan and non-plan, zero budgeting, mid-term appraisal, capital and revenue</li> <li>□ Budget estimate, revised estimate, performance budget</li> <li>□ Audit</li> <li>□ Cost effectiveness</li> <li>□ Cost accounting</li> <li>□ Critical pathways</li> <li>□ Health care reforms</li> <li>□ Health economics</li> <li>□ Health insurance</li> <li>□ Budgeting for various units and levels</li> </ul> <p>Application to nursing service and education</p>
<b>X</b>	<b>10</b>	<b>Nursing informatics</b> <ul style="list-style-type: none"> <li>□ Trends</li> <li>□ General purpose</li> <li>□ Use of computers in hospital and community</li> <li>□ Patient record system</li> <li>□ Nursing records and reports</li> <li>□ Management information and evaluation system (MIES)</li> <li>□ E- nursing, Telemedicine, telenursing</li> <li>□ Electronic medical records</li> </ul>







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

## REFERENCE BOOKS:

1. Awasthi and Maheshwari, 'Public Administration' Lakshmi Narayan Aggrawal Educational Publishers, Agra.
2. Chatterjee S.S. An introduction to Management, world press.

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

<b>Cos</b>	<b>POs/ PSOs</b>
<b>COs 1</b>	Pos-1 , PSOs-1 to 7
<b>COs 2</b>	Pos-1 , PSOs-1 to 7
<b>Cos 3</b>	Pos-1 , PSOs-1 to 7
<b>COs 4</b>	Pos-1 , PSOs-1 to 7





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(Gujarat Private State University Act 4 of 2018)

<b>COs 5</b>	Pos-1 , PSOs-1 to 7
<b>COs 6</b>	Pos-1 , PSOs-1 to 7
<b>COs 7</b>	Pos-1 , PSOs-1 to 7
<b>COs 8</b>	Pos-1 , PSOs-1 to 7
<b>COs 9</b>	Pos-1 , PSOs-1 to 7
<b>COs 10</b>	Pos-1 , PSOs-1 to 7
<b>COs 11</b>	Pos-1 , PSOs-1 to 7



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FNM125102 - CLINICAL SPECIALITY-II

MEDICAL SURGICAL NURSING

**SUB SPECIALITY – CARDIO VASCULAR AND THORACIC NURSING**

Placement: II year

Hours of Instruction  
Theory: 150 Hours.

Practical: 950 Hours.

Total: 1100 Hours

### Course Description

This course is designed to assist students in developing expertise and in-depth understanding in the field of cardiovascular and thoracic nursing. It will help students to develop advanced skills for nursing intervention in various cardio medical and surgical conditions. It will enable the student to function as Cardio vascular and Thoracic Nurse practitioner/specialist. It will further enable the student to function as educator, manager and researcher in the field of cardio vascular and thoracic nursing.

### Objectives

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

1. Appreciate trends and issues related to cardio vascular and thoracic Nursing.
2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions
3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions
4. Perform physical, psychosocial & spiritual assessment
5. Assist in various diagnostic, therapeutic and surgical procedures
6. Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions
7. Demonstrate advance skills/competence in managing patients with



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cardio vascular and thoracic conditions including Advance Cardiac Life Support.

8. Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility
9. Demonstrate skill in handling various equipments/gadgets used for critical care of cardio vascular and thoracic patients
10. Appreciate team work & coordinate activities related to patient care.
11. Practice infection control measures.
12. Identify emergencies and complications & take appropriate measure
13. Discuss the legal and ethical issues in cardio vascular and thoracic nursing
14. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.
15. Appreciate the role of alternative system of medicine in care of patient
16. Incorporate evidence based nursing practice and identify the areas of research in the field of cardio vascular and thoracic nursing
17. Identify the sources of stress and manage burnout syndrome among health care providers.
18. Teach and supervise nurses and allied health workers.
19. Design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.



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## Content Outline

Unit	Hours	Content
<b>I</b>	<b>5</b>	<b>Introduction</b> <ul style="list-style-type: none"> <li>□ Historical development, trends and issues in the field of cardiology.</li> <li>□ Cardio vascular and thoracic conditions – major health problem.</li> <li>□ Concepts, principles and nursing perspectives</li> <li>□ Ethical and legal issues</li> <li>□ Evidence based nursing and its application in cardio vascular and thoracic nursing( to be incorporated in all the units)</li> </ul>
<b>II</b>	<b>5</b>	<b>Epidemiology</b> <ul style="list-style-type: none"> <li>□ Risk factors: hereditary, psycho social factors, hypertension, smoking, obesity, diabetes mellitus etc</li> <li>□ Health promotion, disease prevention, Life style modification</li> <li>□ National health programs related to cardio vascular and thoracic conditions</li> <li>□ Alternate system of medicine</li> <li>□ Complementary therapies</li> </ul>
<b>III</b>	<b>5</b>	<b>Review of anatomy and physiology of cardio vascular and respiratory system</b> <ul style="list-style-type: none"> <li>□ Review of anatomy and physiology of heart, lung, thoracic cavity and blood vessels. Embryology of heart and lung.</li> <li>□ Coronary circulation</li> <li>□ Hemodynamics and electro physiology of heart.</li> <li>□ Bio-chemistry of blood in relation to cardio pulmonary function.</li> </ul>
<b>IV</b>	<b>20</b>	<b>Assessment and Diagnostic Measures:</b> <ul style="list-style-type: none"> <li>□ History taking</li> <li>□ Physical assessment <ul style="list-style-type: none"> <li>• Heart rate variability: Mechanisms , measurements, pattern, factors, impact of interventions on HRV</li> </ul> </li> <li>□ Diagnostic tests <ul style="list-style-type: none"> <li>• Hemodynamic monitoring: Technical aspects, monitoring, functional hemodynamic indices, ventricular function indices,</li> </ul> </li> </ul>





Unit	Hours	Content
		<p>output measurements (Arterial and swan Ganz monitoring). Blood gases and its significance, oxygen supply and demand</p> <ul style="list-style-type: none"> <li>• Radiologic examination of the chest: interpretation, chest film findings</li> <li>• Electro cardiography(ECG) : electrical conduction through the heart, basic electrocardiography, 12 lead electrocardiogram, axis determination <ul style="list-style-type: none"> <li>– ECG changes in: intraventricular conduction abnormalities- Arrhythmias, ischemia, injury and infarction, atrial and ventricular enlargement, electrolyte imbalance,</li> </ul> </li> <li>• Echocardiography: technical aspects, special techniques, echocardiography of cardiac structures in health and disease, newer techniques</li> <li>• Nuclear and other imaging studies of the heart: Magnetic Resonance Imaging.</li> <li>• Cardio electrophysiology procedures: diagnostic studies, interventional and catheter ablation, nursing care</li> <li>• Exercise testing: indications and objectives, safety and personnel, pretest considerations, selection, interpretation, test termination, recovery period</li> <li>• Cardiac catheterization: indications, contraindications, patient preparation, procedure, interpretation of data</li> <li>• Pulmonary function test: Bronchoscopy and graphies</li> <li>• Interpretation of diagnostic measures</li> <li>• Nurse's role in diagnostic tests</li> </ul> <p>□ Laboratory tests using blood: Blood specimen collection, Cardiac markers, Blood lipids, Hematologic studies, Blood cultures, Coagulation studies, Arterial blood gases, Blood Chemistries, cardiac enzyme studies, Serum Concentration of Selected drugs.</p> <p>□ Interpretation and role of nurse</p>





<b>V</b>	<b>25</b>	<p><b>Cardiac disorders and nursing management:</b></p> <p>□ Etiology, clinical manifestations, diagnosis, prognosis, related pathophysiology, treatment modalities and nursing management of:</p> <ul style="list-style-type: none"> <li>• Hypertension</li> <li>• Coronary Artery Disease.</li> <li>• Angina of various types.</li> <li>• Cardiomegaly</li> <li>• Myocardial Infarction, Congestive cardiac failure</li> <li>• Heart Failure, Pulmonary Edema, Shock.</li> <li>• Rheumatic heart disease and other Valvular Diseases</li> <li>• Inflammatory Heart Diseases, Infective Endocarditis, Myocarditis, Pericarditis.</li> <li>• Cardiomyopathy, dilated, restrictive, hypertrophic.</li> <li>• Arrhythmias, heart block</li> </ul> <p>Associated illnesses</p>
<b>VI</b>	<b>10</b>	<p><b>Altered pulmonary conditions</b></p> <p>□ Etiology, clinical manifestations, diagnosis, prognosis, related pathophysiology, treatment modalities and nursing management of:</p> <ul style="list-style-type: none"> <li>• Bronchitis</li> <li>• Bronchial asthma</li> <li>• Bronchiectasis</li> <li>• Pneumonias</li> <li>• Lung abscess, lung tumour</li> <li>• Pulmonary tuberculosis, fibrosis, pneumoconiosis etc</li> <li>• Pleuritis, effusion</li> <li>• Pneumo, haemo and pyothorax</li> <li>• Interstitial Lung Disease</li> <li>• Cystic fibrosis</li> <li>• Acute and Chronic obstructive pulmonary disease (conditions leading to)</li> <li>• Cor pulmonale</li> <li>• Acute respiratory failure</li> <li>• Adult respiratory distress syndrome</li> <li>• Pulmonary embolism</li> </ul> <p>Pulmonary Hypertension</p>





Unit	Hours	Content
<b>VII</b>	<b>10</b>	<b>Vascular disorders and nursing management</b> <ul style="list-style-type: none"> <li>□ Etiology, clinical manifestations, diagnosis, prognosis, related pathophysiology, treatment modalities and nursing management of: <ul style="list-style-type: none"> <li>• Disorders of arteries</li> <li>• Disorders of the aorta</li> <li>• Aortic Aneurysms,</li> <li>• Aortic dissection</li> <li>• Raynaud's phenomenon</li> <li>• Peripheral arterial disease of the lower extremities</li> <li>• Venous thrombosis</li> <li>• Varicose veins</li> <li>• Chronic venous insufficiency and venous leg ulcers</li> <li>• Pulmonary embolism</li> </ul> </li> </ul>
<b>VIII</b>	<b>10</b>	<b>Cardio thoracic emergency interventions</b> <ul style="list-style-type: none"> <li>□ CPR- BLS and ALS</li> <li>□ Use of ventilator, defibrillator , pacemaker</li> <li>□ Post resuscitation care.</li> <li>□ Care of the critically ill patients</li> <li>□ Psychosocial and spiritual aspects of care</li> <li>□ Stress management; ICU psychosis <ul style="list-style-type: none"> <li>• Role of nurse</li> </ul> </li> </ul>
<b>IX</b>	<b>10</b>	<b>Nursing care of a patient with obstructive airway</b> <ul style="list-style-type: none"> <li>□ Assessment</li> <li>□ Use of artificial airway</li> <li>□ Endotracheal intubation, tracheostomy and its care</li> <li>□ Complication, minimum cuff leak, securing tubes</li> </ul> <b>Oxygen delivery systems.</b> <ul style="list-style-type: none"> <li>□ Nasal Cannula</li> <li>□ Oxygen mask, Venturi mask</li> <li>□ Partial rebreathing bag</li> <li>□ Bi-PAP and C-PAP masks</li> <li>□ Uses, advantages, disadvantages, nursing implications of each.</li> </ul> <b>Mechanical Ventilation</b> <ul style="list-style-type: none"> <li>□ Principles of mechanical ventilation</li> <li>□ Types of mechanical ventilation and ventilators.</li> <li>□ Modes of ventilation, advantage, disadvantage, complications.</li> <li>□ PEEP therapy, indications, physiology, and complications. Weaning off the ventilator.</li> <li>□ Nursing assessment and interventions of ventilated patient.</li> </ul>





Unit	Hours	Content
<b>X</b>	<b>10</b>	<b>Congenital Heart Diseases,</b> <ul style="list-style-type: none"> <li>□ Etiology, clinical manifestations, diagnosis, prognosis, related pathophysiology, treatment modalities and nursing management of: <ul style="list-style-type: none"> <li>• Embryological development of heart.</li> <li>• Classification – cyanotic and acyanotic heart disease.</li> <li>• Tetralogy of Fallots.</li> <li>• Atrial Septal Defect, Ventricular Septal Defect., Eisenmenger's complex.</li> <li>• Patent ductus arteriosus, AP window</li> <li>• Truncus Arteriosus.</li> <li>• Transposition of great arteries.</li> <li>• Total Anomaly of Pulmonary Venous Connection.</li> <li>• Pulmonary stenosis, atresia.</li> <li>• Coarctation of aorta.</li> <li>• Ebstein's anomaly</li> </ul> </li> <li>□ Double outlet right ventricle, Single ventricle, Hypoplastic left heart syndrome.</li> </ul>
<b>XI</b>	<b>10</b>	<b>Pharmacology</b> <ul style="list-style-type: none"> <li>□ <b>Review</b></li> <li>□ Pharmacokinetics</li> <li>□ Analgesics/Anti inflammatory agents</li> <li>□ Antibiotics, antiseptics</li> <li>□ Drug reaction &amp; toxicity</li> <li>□ Drugs used in cardiac emergencies</li> <li>□ Blood and blood components <ul style="list-style-type: none"> <li>• Antithrombolytic agents</li> <li>• Inotropic agents</li> <li>• Beta-blocking agents</li> <li>• Calcium channel blockers.</li> <li>• Vaso constrictors</li> <li>• Vaso dilators</li> <li>• ACE inhibitors.</li> <li>• Anticoagulents</li> <li>• Antiarrhythmic drugs.</li> <li>• Anti hypertensives</li> <li>• Diuretics</li> <li>• Sedatives and tranquilizers.</li> <li>• Digitalis.</li> </ul> </li> </ul>





Unit	Hours	Content
		<ul style="list-style-type: none"> <li>• Antilipemics</li> <li>□ Principles of drug administration, role and responsibilities of nurses and care of drugs</li> </ul>
<b>XII</b>	<b>20</b>	<p><b>Nursing Care of patient undergoing cardio thoracic surgery</b></p> <ul style="list-style-type: none"> <li>□ Indications, selection of patient</li> <li>□ Preoperative assessment and preparation; counselling.</li> <li>□ Intraoperative care: Principles of open heart surgery, equipment, anaesthesia, cardiopulmonary by pass.</li> <li>□ Surgical procedures for Coronary Artery Bypass Grafting, recent advances and types of grafts, Valve replacement or reconstruction, cardiac transplant, Palliative surgery and different Stents, vascular surgery, other recent advances.</li> <li>□ Thoracic surgery: lobectomy, pneumonectomy, tumour excision etc</li> <li>□ Immediate postoperative care : assessment, post operative problems and interventions : Bleeding, Cardiac tamponade, Low cardiac output, Infarction, Pericardial effusion, Pleural effusion, Pneumothorax, Haemothorax, Coagulopathy, Thermal imbalance, Inadequate., ventilation/perfusion, Neurological problems, renal problems, Psychological problems.</li> <li>□ Chest physiotherapy</li> <li>□ Nursing interventions- life style modification, complementary therapy/alternative systems of medicine.</li> <li>□ Intermediate and late post operative care after CABG, valve surgery, others.</li> </ul> <p>Follow up care</p>
<b>XIII</b>	<b>5</b>	<p><b>Cardiac rehabilitation</b></p> <ul style="list-style-type: none"> <li>□ Process</li> <li>□ Physical evaluation</li> <li>□ Life style modification</li> <li>□ Physical conditioning for cardiovascular efficiency through exercise</li> <li>□ Counseling</li> <li>□ Follow up care</li> </ul>



<b>XIV</b>	<b>5</b>	<b>Intensive Coronary Care Unit/intensive cardio thoracic unit:</b> <ul style="list-style-type: none"> <li>□ Quality assurance <ul style="list-style-type: none"> <li>• Standards, Protocols, Policies, Procedures</li> <li>• Infection control; Standard safety measures</li> <li>• Nursing audit</li> <li>• Design of ICCU/ICTU</li> <li>• Staffing; cardiac team</li> <li>• Burn out syndrome</li> </ul> </li> <li>□ Nurse's role in the management of I.C.C.U and ICTU.</li> <li>□ Mobile coronary care unit.</li> <li>□ Planning inservice educational programme and teaching</li> </ul>
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#### REFERENCE BOOKS :-

1. Brunner and Suddarth's, Text Book of Medical Surgical Nursing, 9th edition , Lippincott , Raven Publishers.
2. John Luckmann, Medical Surgical Nursing, 3<sup>rd</sup> edition, Saunders Company, Philadelphia, London

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

<b>Cos</b>	<b>POs/ PSOs</b>
COs 1	Pos-1 , PSOs-1 to 7
COs 2	Pos-1 , PSOs-1 to 7
Cos 3	Pos-1 , PSOs-1 to 7
COs 4	Pos-1 , PSOs-1 to 7
COs 5	Pos-1 , PSOs-1 to 7
COs 6	Pos-1 , PSOs-1 to 7
COs 7	Pos-1 , PSOs-1 to 7
COs 8	Pos-1 , PSOs-1 to 7
COs 9	Pos-1 , PSOs-1 to 7
COs 10	Pos-1 , PSOs-1 to 7
COs 11	Pos-1 , PSOs-1 to 7
COs 12	Pos-1 , PSOs-1 to 7
COs 13	Pos-1 , PSOs-1 to 7
COs 14	Pos-1 , PSOs-1 to 7
COs 15	Pos-1 , PSOs-1 to 7
COs 16	Pos-1 , PSOs-1 to 7
COs 17	Pos-1 , PSOs-1 to 7
COs 18	Pos-1 , PSOs-1 to 7
COs 19	Pos-1 , PSOs-1 to 7



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## FNM125202 - CLINICAL SPECIALITY – II

### OBSTETRIC AND GYNAECOLOGICAL NURSING

#### Placement - II Year

Hours of Instruction	
Theory:	150 hrs
Practical	950 hrs
Total	1100 hrs

#### Course Description

This course is designed to assist the student in developing expertise and in-depth understanding in the field of Obstetric and gynecological Nursing. It will help the student to develop advanced nursing skills for nursing interventions in various obstetrical and gynecological conditions. It will further enable the students to function as midwifery nurse practitioner/ specialist, educator, manager and researcher in the field of obstetric and gynecological nursing.

#### Objectives

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

1. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions
2. Perform physical, psychosocial, cultural & spiritual assessment
3. Demonstrate competence in caring for women with obstetrical and gynaecological conditions
4. Demonstrate competence in caring for high risk newborn.
5. Identify and Manage obstetrical and neonatal emergencies as per protocol.
6. Practice infection control measures
7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical , gynecological and neonatal care.
8. Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal care
9. Teach and supervise nurses and allied health workers.
10. Design a layout of speciality units of obstetrics and gynecology
11. Develop standards for obstetrical and gynaecological nursing practice.



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12. Counsel women and families
13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing
14. Function as independent midwifery nurse practitioner



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## Contents Outline

Unit	Hours	Content
<b>I</b>	<b>25</b>	<b>Management of problems of women during pregnancy</b> <ul style="list-style-type: none"> <li>□ Risk approach of obstetrical nursing care , concept &amp; goals.</li> <li>□ Screening of high-risk pregnancy, newer modalities of diagnosis.</li> <li>□ Nursing Management of Pregnancies at risk-due to obstetrical complication <ul style="list-style-type: none"> <li>• Pernicious Vomiting.</li> <li>• Bleeding in early pregnancy, abortion, ectopic pregnancy, and gestational trophoblastic diseases.</li> <li>• Hemorrhage during late pregnancy, ante partum hemorrhage, Placenta praevia, abruptio placenta.</li> <li>• Hypertensive disorders in pregnancy, pre-eclampsia, eclampsia, Hemolysis Elevated liver enzyme Low Platelet count (HELLP)</li> <li>• Iso-immune diseases. Rh and ABO incompatibility</li> <li>• Hematological problems in pregnancy.</li> <li>• Hydramnios-oligohydramnios</li> <li>• Prolonged pregnancy- post term, post maturity.</li> <li>• Multiple pregnancies.</li> </ul> </li> </ul>
<b>II</b>	<b>15</b>	<b>Pregnancies at risk-due to pre-existing health problems</b> <ul style="list-style-type: none"> <li>□ Metabolic conditions.</li> <li>□ Anemia and nutritional deficiencies</li> <li>□ Hepatitis</li> <li>□ Cardio-vascular disease.</li> <li>□ Thyroid diseases.</li> <li>□ Epilepsy.</li> <li>□ Essential hypertension</li> <li>□ Chronic renal failure.</li> <li>□ Tropical diseases.</li> <li>□ Psychiatric disorders</li> <li>□ Infections Toxoplasmosis Rubella Cytomegalo virus Herpes (TORCH); Reproductive Tract Infection(RTI);STD; HIV/AIDS, Vaginal infections; Leprosy, Tuberculosis</li> <li>□ Other risk factors: Age- Adolescents, elderly; unwed mothers, sexual abuse, substance use</li> <li>□ Pregnancies complicating with tumors, uterine anomalies, prolapse, ovarian cyst</li> </ul>



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<b>III</b>	<b>15</b>	<b>Abnormal labour, pre-term labour &amp; obstetrical emergencies</b> <ul style="list-style-type: none"> <li>□ Etiology, pathophysiology and nursing management of <ul style="list-style-type: none"> <li>• Uncoordinated uterine actions, Atony of uterus, precipitate labour, prolonged labour.</li> <li>• Abnormal lie, presentation, position compound presentation.</li> <li>• Contracted pelvis-CPD; dystocia.</li> <li>• Obstetrical emergencies Obstetrical shock, vasa praevia, inversion of uterus, amniotic fluid embolism, rupture uterus, presentation and prolapse cord.</li> <li>• Augmentation of labour. Medical and surgical induction.</li> <li>• Version</li> <li>• Manual removal of placenta.</li> <li>• Obstetrical operation: Forceps delivery, Ventouse, Caesarian section, Destructive operations</li> <li>• Genital tract injuries-Third degree perineal tear, VVF, RVF</li> </ul> </li> <li>□ Complications of third stage of labour: <ul style="list-style-type: none"> <li>• Post partum Hemorrhage.</li> <li>• Retained placenta.</li> </ul> </li> </ul>
<b>IV</b>	<b>10</b>	<b>post partum complications</b> <ul style="list-style-type: none"> <li>□ Nursing management of <ul style="list-style-type: none"> <li>• Puerperal infections, puerperal sepsis, urinary complications, puerperal venous thrombosis and pulmonary embolism</li> <li>• Sub involution of uterus, Breast conditions, Thrombophlebitis</li> </ul> </li> </ul> <b>Psychological complications, post partum blues, depression, psychosis</b>
<b>V</b>	<b>25</b>	<b>High Risk Newborn</b> <ul style="list-style-type: none"> <li>□ Concept, goals, assessment, principles.</li> <li>□ Nursing management of <ul style="list-style-type: none"> <li>• Pre-term, small for gestational age, post-mature infant, and baby of diabetic and substance use mothers.</li> <li>• Respiratory conditions, Asphyxia neonatorum, neonatal apnoea meconium aspiration syndrome, pneumo thorax, pneumo mediastinum</li> <li>• Icterus neonatorum.</li> <li>• Birth injuries.</li> <li>• Hypoxic ischaemic encephelopathy</li> <li>• Congenital anomalies.</li> <li>• Neonatal seizures.</li> </ul> </li> </ul>





<b>VI</b>	<b>15</b>	<b>HIV/AIDS</b> <ul style="list-style-type: none"> <li>□ HIV positive mother and her baby</li> <li>□ Epidemiology</li> <li>□ Screening</li> <li>□ Parent to child transmission(PTCT)</li> <li>□ Prophylaxis for mother and baby</li> <li>□ Standard safety measures</li> <li>□ Counseling</li> <li>□ Breast feeding issues</li> <li>□ National policies and guidelines</li> <li>□ Issues: Legal,ethical, Psychosocial and rehabilitation</li> </ul> <p>Role of nurse</p>
<b>VII</b>	<b>25</b>	<b>Gynecological problems and nursing management</b> <ul style="list-style-type: none"> <li>□ Gynecological assessment</li> <li>□ Gynecological procedures</li> <li>□ Etiology, pathophysiology, diagnosis and nursing management of <ul style="list-style-type: none"> <li>• Menstrual irregularities</li> <li>• Diseases of genital tract</li> <li>• Genital tract infections</li> <li>• Uterine displacement</li> <li>• Genital prolapse</li> <li>• Genital injuries</li> <li>• Uterine malformation</li> <li>• Uterine fibroid, ovarian tumors, Breast carcinoma, Pelvic inflammatory diseases, reproductive tract malignancies, hysterectomy – vaginal and abdominal.</li> <li>• Sexual abuse, rape, trauma , assault</li> </ul> </li> </ul>
<b>VIII</b>	<b>5</b>	<b>Administration and management of obstetrical and gynaecological unit</b> <ul style="list-style-type: none"> <li>□ Design &amp; layout</li> <li>□ Staffing,</li> <li>□ Equipment, supplies,</li> <li>□ Infection control; Standard safety measures</li> <li>□ Quality Assurance:-Obstetric auditing –records /reports, Norms, policies and protocols</li> <li>□ Practice standards for obstetrical and gynaecological unit</li> </ul>





<b>IX</b>	<b>5</b>	<b>Education and training in obstetrical and gynaecologicalcare</b> <ul style="list-style-type: none"> <li>□ Staff orientation, training and development,</li> <li>□ In-service education program,</li> <li>□ Clinical teaching programs.</li> </ul>
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## REFERENCE BOOKS:

1. Buckley Kathleen and Kulb Nancy W, " high Risk Maternity Nursing Manual" Edn, Williams & Wilkin, 1993, Philadelphia.
2. ennet V Ruth & Brown K Linda, "Myle" text Book for Midwives, ELBS, Churchill , Livingstone

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

<b>Cos</b>	<b>POs/ PSOs</b>
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<b>COs 6</b>	Pos-1 , PSOs-1 to 7
<b>COs 7</b>	Pos-1 , PSOs-1 to 7
<b>COs 8</b>	Pos-1 , PSOs-1 to 7
<b>COs 9</b>	Pos-1 , PSOs-1 to 7
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FNM125402 - CLINICAL SPECIALITY-II

## PEDIATRIC ( CHILD HEALTH ) NURSING

Placement: II year

Hours of Instruction

Theory: 150 Hours.

Practical: 950 Hours.

Total: 1100 Hours

### COURSE DESCRIPTION:

This course is designed to assist students in developing expertise and in-depth understanding in the field of Pediatric Nursing. It will help students to develop advanced skills for nursing intervention in various pediatric medical and surgical conditions. It will enable the student to function as pediatric nurse practitioner/specialist. It will further enable the student to function as educator, manager, and researcher in the field of Paediatric nursing

### Objectives

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

1. Apply the nursing process in the care of ill infants to pre adolescents in hospital and community
2. Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems
3. Recognize and manage emergencies in children
4. Provide nursing care to critically ill children
5. Utilize the recent technology and various treatment modalities in the management of high risk children
6. Prepare a design for layout and describe standards for management of pediatric units/hospitals
7. Identify areas of research in the field of pediatric nursing



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## Course Content

Unit	Hours	Content
I	5	<b>Introduction</b> <ul style="list-style-type: none"> <li>□ Current principles, practices and trends in Pediatric Nursing</li> <li>□ Role of pediatric nurse in various settings -Expanded and extended</li> </ul>
II	35	<ul style="list-style-type: none"> <li>□ Pathophysiology, assessment(including interpretation of various invasive and non-invasive diagnostic procedures), treatment modalities and nursing intervention in selected pediatric medical disorders <ul style="list-style-type: none"> <li>• Child with respiratory disorders: <ul style="list-style-type: none"> <li>- Upper respiratory tract: choanal atresia, tonsillitis, epistaxis, aspiration.</li> <li>- Lower respiratory tract: Broncheolitis, Bronchopneumonia, Asthma, cystic fibrosis</li> </ul> </li> <li>• Child with gastro-intestinal disorders: <ul style="list-style-type: none"> <li>- Diarrheal diseases, gastro-esophageal reflux.</li> <li>- Hepatic disorders: Hepatitis, Indian childhood cirrhosis, liver transplantation.</li> <li>- Malabsorption syndrome, Malnutrition</li> </ul> </li> <li>• Child with renal/ urinary tract disorders: Nephrotic syndrome, Nephritis, Hydronephrosis, hemolytic-uremic syndrome, kidney transplantation</li> <li>• Child with cardio-vascular disorders: <ul style="list-style-type: none"> <li>- Acquired: Rheumatic fever, Rheumatic heart disease,</li> <li>- Congenital: Cynotic and acynotic</li> </ul> </li> <li>• Child with endocrine/metabolic disorders: Diabetes insipidus, Diabetes Mellitus – IDDM, NIDDM, hyper andhypo thyroidism, phenylketonuria, galactosemia</li> <li>• Child with Neurological disorders: Convulsions, Meningitis, encephalitis, guillian- Barre syndrome</li> <li>• Child with oncological disorders: Leukemias, Lymphomas, Wilms’ tumor, nephroblastomas, neuroblastomas, Rhabdomyosarcoma, retinoblastoma, hepatoblastoma, bone tumors</li> <li>• Child with blood disorders: Anemias, thalassemias, hemophilia, polycythemia, thrombocytopenia, and disseminated intravascular coagulation</li> <li>• Child with skin disorders</li> <li>• Common Eye and ENT disorders</li> <li>• Common Communicable diseases</li> </ul> </li> </ul>



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<b>III</b>	<b>35</b>	<ul style="list-style-type: none"> <li>□ Assessment(including interpretation of various invasive and non-invasive diagnostic procedures), treatment modalities including cosmetic surgery and nursing interventions in selected pediatric surgical problems/ Disorders               <ul style="list-style-type: none"> <li>• Gastrointestinal system: Cleft lip, cleft palate and conditions requiring plastic surgery, Tracheo esophageal fistula/atresia, Hirschsprungs' disease/megacolon, malrotation, intestinal obstruction, duodenal atresia, gastrochisis, exomphalus, anorectal malformation, omphalocele, diaphragmatic hernia</li> <li>• Anomalies of the nervous system: Spina bifida, Meningocele, Myelomeningocele, hydrocephalus</li> <li>• Anomalies of the genito-urinary system: Hypospadias, Epispadias, Undescended testes, Exstrophy bladder</li> <li>• Anomalies of the skeletal system</li> <li>• Eye and ENT disorders</li> <li>• Nursing management of the child with traumatic injuries: General principles of managing Pediatric trauma                   <ul style="list-style-type: none"> <li>- Head injury, abdominal injury, poisoning, foreign body obstruction, burns</li> <li>- &amp; Bites</li> </ul> </li> </ul> </li> <li>Child with oncological disorders: Solid tumors of childhood, Nephroblastoma, Neuro blastoma</li> </ul>
<b>IV</b>	<b>10</b>	<b>Intensive care for pediatric clients</b> <ul style="list-style-type: none"> <li>□ Resuscitation, stabilization &amp; monitoring of pediatric patients</li> <li>□ Anatomical &amp; physiological basis of critical illness in infancy and childhood</li> <li>□ Care of child requiring long-term ventilation</li> <li>□ Nutritional needs of critically ill child</li> <li>□ Legal and ethical issues in pediatric intensive care</li> <li>□ Intensive care procedures, equipment and techniques</li> <li>□ Documentation</li> </ul>
<b>V</b>	<b>20</b>	<b>High Risk Newborn</b> <ul style="list-style-type: none"> <li>□ Concept, goals, assessment, principles.</li> <li>□ Nursing management of               <ul style="list-style-type: none"> <li>• Post-mature infant, and baby of diabetic and substance use mothers.</li> <li>• Respiratory conditions, Asphyxia neonatorum, neonatal apnoea meconium aspiration syndrome, pneumo thorax, pneumo mediastinum</li> <li>• Icterus neonatorum.</li> <li>• Birth injuries.</li> <li>• Hypoxic ischaemic encephalopathy</li> <li>• Congenital anomalies.</li> <li>• Neonatal seizures.</li> </ul> </li> </ul>





		<ul style="list-style-type: none"> <li>Hematological conditions – erythroblastosis fetalis, hemorrhagic disorder in the newborn</li> <li>Organization of neonatal care, services(Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU</li> </ul>
<b>VI</b>	<b>10</b>	<b>Developmental disturbances and implications for nursing</b> <ul style="list-style-type: none"> <li>Adjustment reaction to school,</li> <li>Learning disabilities</li> <li>Habit disorders, speech disorders,</li> <li>Conduct disorders,</li> <li>Early infantile autism, Attention deficit hyperactive disorders (ADHD), depression and childhood schizophrenia.</li> </ul>
<b>VII</b>	<b>10</b>	<b>Challenged child and implications for nursing</b> <ul style="list-style-type: none"> <li>Physically challenged, causes, features, early detection &amp; management</li> <li>Cerebral palsied child,</li> <li>Mentally challenged child.</li> <li>Training &amp; rehabilitation of challenged children</li> </ul>
<b>VIII</b>	<b>5</b>	<b>Crisis and nursing intervention</b> <ul style="list-style-type: none"> <li>The hospitalized child,</li> <li>Terminal illness &amp; death during childhood</li> <li>Nursing intervention-counseling</li> </ul>
<b>IX</b>	<b>5</b>	<b>Drugs used in Pediatrics</b> <ul style="list-style-type: none"> <li>Criteria for dose calculation</li> <li>Administration of drugs, oxygen and blood</li> <li>Drug interactions</li> <li>Adverse effects and their management</li> </ul>
<b>X</b>	<b>10</b>	<b>Administration and management of pediatric care unit</b> <ul style="list-style-type: none"> <li>Design &amp; layout</li> <li>Staffing,</li> <li>Equipment, supplies,</li> <li>Norms, policies and protocols</li> <li>Practice standards for pediatric care unit</li> <li>Documentation</li> </ul>
<b>XI</b>	<b>5</b>	<b>Education and training in Pediatric care</b> <ul style="list-style-type: none"> <li>Staff orientation, training and development,</li> <li>In-service education program,</li> <li>Clinical teaching programs.</li> </ul>



## REFERENCE BOOKS:

1. Achar ST and Viswanathan ; “Text book of Paediatrics; A Clinical Approach  
“Orient Longman, Mumbai
2. Alexander NM,Brown MS; “ Paediatric Physical Diagnosis for Nurses” McGrew  
Hill Book Co, New York

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

Cos	POs/ PSOs
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FNM125302 - CLINICAL SPECIALITY-II

PYSCHIATRY ( MENTAL HEALTH ) NURSING

Placement: II year

Hours of Instruction  
Theory: 150 Hours.

Practical: 950 Hours.

Total: 1100 Hours

### Course Description

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

### 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, 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



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nursing.

9. Identify areas of research in the field of psychiatric nursing.
10. Prepare a design for layout and describe standards for management of Psychiatric units/emergency units/hospitals
11. Teach psychiatric nursing to undergraduate students & in-service nurses.



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## Course Content

Unit	Hours	Content
<b>I</b>	<b>2</b>	<b>Principles and practice of Psychiatric nursing</b> □ Review
<b>II</b>	<b>10</b>	<b>Crisis Intervention</b> □ Crisis, Definition □ Phases In The Development of A Crisis □ Types of Crisis; Dispositional , Anticipated Life Transitions Traumatic Stress, Maturation/ Development , Reflecting Psychopathology □ Psychiatric Emergencies and their management □ Grief and grief reaction □ Crisis Intervention; Phases □ Post traumatic stress disorder (PTSD) □ Role of the Nurse
<b>III</b>	<b>4</b>	<b>Anger/ Aggression Management</b> □ Anger and Aggression, Types, Predisposing Factors □ Management □ Role of The Nurse
<b>IV</b>	<b>5</b>	<b>The Suicidal Client</b> □ Epidemiological Factors □ Risk Factors • <b>Predisposing Factors:</b> Theories of Suicide-Psychological, Sociological ,Biological □ Nursing Management
<b>V</b>	<b>5</b>	<b>Disorders of Infancy, Childhood, and Adolescence</b> □ Mentally Challenged □ Autistic Disorders □ Attention-Deficit/Hyperactivity Disorder □ Conduct Disorders, behavioural disorders □ Oppositional Defiant Disorder □ Tourette's Disorders □ Separation Anxiety Disorder □ Psychopharmacological Intervention and Nursing Management



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<b>VI</b>	<b>5</b>	<b>Delirium, Dementia, and Amnestic Disorders</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Delirium</li> <li><input type="checkbox"/> Dementia</li> <li><input type="checkbox"/> Amnesia</li> <li><input type="checkbox"/> Psychopharmacological Intervention and Nursing Management</li> </ul>
<b>VII</b>	<b>10</b>	<b>Substance-Related Disorders</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Substance-Use Disorders</li> <li><input type="checkbox"/> Substance-Induced Disorders</li> <li><input type="checkbox"/> Classes Of Psychoactive Substances</li> <li><input type="checkbox"/> Predisposing Factors</li> <li><input type="checkbox"/> The Dynamics Of Substance-Related Disorders</li> <li><input type="checkbox"/> The Impaired Nurse</li> <li><input type="checkbox"/> Codependency</li> <li><input type="checkbox"/> Treatment Modalities For Substance-Related Disorders and</li> <li><input type="checkbox"/> Nursing Management</li> </ul>
<b>VIII</b>	<b>10</b>	<b>Schizophrenia and Other Psychotic Disorders (Check ICD10)</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Nature of the Disorder</li> <li><input type="checkbox"/> Predisposing Factors</li> <li><input type="checkbox"/> Schizophrenia -Types <ul style="list-style-type: none"> <li>• Disorganized Schizophrenia</li> <li>• Catatonic Schizophrenia</li> <li>• Paranoid Schizophrenia</li> <li>• Undifferentiated Schizophrenia</li> <li>• Residual Schizophrenia</li> </ul> </li> <li><input type="checkbox"/> Other Psychotic disorders <ul style="list-style-type: none"> <li>• Schizoaffective Disorder</li> <li>• Brief Psychotic Disorder</li> <li>• Schizophreniform Disorder</li> <li>• Psychotic Disorder Due to a General Medical Condition</li> <li>• Substance-Induced Psychotic Disorder</li> </ul> </li> </ul> <b>Treatment and Nursing Management</b>
<b>IX</b>	<b>8</b>	<b>Mood Disorders</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Historical Perspective</li> <li><input type="checkbox"/> Epidemiology</li> <li><input type="checkbox"/> The Grief Response</li> <li><input type="checkbox"/> Maladaptive Responses To Loss</li> <li><input type="checkbox"/> Types Of Mood Disorders</li> <li><input type="checkbox"/> Depressive disorders</li> <li><input type="checkbox"/> Bipolar disorders</li> </ul> <b>Treatment and Nursing Management</b>





Unit	Hours	Content
<b>X</b>	<b>8</b>	<b>Anxiety Disorders</b> <ul style="list-style-type: none"> <li>□ Historical Aspects</li> <li>□ Epidemiological Statistics</li> <li>□ How Much is too Much?</li> <li>□ Types <ul style="list-style-type: none"> <li>• Panic Disorder</li> <li>• Generalized Anxiety Disorder</li> <li>• Phobias</li> <li>• Obsessive-Compulsive Disorder</li> <li>• Posttraumatic Stress Disorder</li> <li>• Anxiety Disorder Due to a General Medical Condition</li> <li>• Substance-Induced Anxiety Disorder</li> </ul> </li> <li>□ Treatment Modalities</li> </ul> <b>Psychopharmacology &amp; Nursing Management</b>
<b>XI</b>	<b>5</b>	<b>Somatoform And Sleep Disorders</b> <ul style="list-style-type: none"> <li>□ Somatoform Disorders</li> <li>□ Historical Aspects <ul style="list-style-type: none"> <li>• Epidemiological Statistics</li> <li>• Pain Disorder</li> <li>• Hypochondriasis</li> <li>• Conversion Disorder</li> <li>• Body Dysmorphic Disorder</li> </ul> </li> <li>□ Sleep Disorder</li> <li>□ Treatment Modalities and Nursing Management</li> </ul>
<b>XII</b>	<b>4</b>	<b>Dissociative Disorders and Management</b> <ul style="list-style-type: none"> <li>□ Historical Aspects</li> <li>□ Epidemiological Statistics</li> <li>□ Application of the Nursing Management</li> <li>□ Treatment Modalities and Nursing Management</li> </ul>
<b>XIII</b>	<b>4</b>	<b>Sexual And Gender Identity Disorders</b> <ul style="list-style-type: none"> <li>□ Development Of Human Sexuality</li> <li>□ Sexual Disorders</li> <li>□ Variation In Sexual Orientation</li> <li>□ Nursing Management</li> </ul>
<b>XIV</b>	<b>4</b>	<b>Eating Disorders</b> <ul style="list-style-type: none"> <li>□ Epidemiological Factors</li> <li>□ Predisposing Factors : Anorexia Nervosa And Bulimia Nervosa obesity</li> <li>□ Psychopharmacology</li> <li>□ Treatment &amp; Nursing Management</li> </ul>





Unit	Hours	Content
<b>XV</b>	<b>4</b>	<b>Adjustment and Impulse Control Disorders</b> <ul style="list-style-type: none"> <li>□ Historical and Epidemiological Factors <ul style="list-style-type: none"> <li>• Adjustment Disorders</li> <li>• Impulse Control Disorders</li> </ul> </li> <li>□ Treatment &amp; Nursing Management</li> </ul>
<b>XVI</b>	<b>4</b>	<b>Medical Conditions due to Psychological Factors</b> <ul style="list-style-type: none"> <li>□ Asthma</li> <li>□ Cancer</li> <li>□ Coronary Heart Disease</li> <li>□ Peptic Ulcer</li> <li>□ Essential Hypertension</li> <li>□ Migraine Headache</li> <li>□ Rheumatoid Arthritis</li> <li>□ Ulcerative Colitis</li> <li>□ Treatment &amp; Nursing Management</li> </ul>
<b>XVII</b>	<b>8</b>	<b>Personality Disorders</b> <ul style="list-style-type: none"> <li>□ Historical perspectives</li> <li>□ Types Of Personality Disorders <ul style="list-style-type: none"> <li>• Paranoid Personality Disorder</li> <li>• Schizoid Personality Disorder</li> <li>• Antisocial Personality Disorder</li> </ul> </li> <li>□ Borderline Personality Disorder <ul style="list-style-type: none"> <li>• Histrionic Personality Disorder</li> <li>• Narcissitic Personality Disorder</li> <li>• Avoidance Personality Disorder</li> <li>• Dependent Personality Disorder</li> <li>• Obsessive-Compulsive Personality Disorder</li> <li>• Passive-Aggressive Personality Disorders</li> </ul> </li> <li>□ Identification, diagnostic, symptoms</li> <li>□ Psychopharmacology</li> <li>□ Treatment &amp; Nursing Management</li> </ul>
<b>XVII I</b>	<b>8</b>	<b>The Aging Individual</b> <ul style="list-style-type: none"> <li>□ Epidemiological Statistics</li> <li>□ Biological Theories</li> <li>□ Biological Aspects of Aging</li> <li>□ Psychological Aspects of Aging</li> <li>□ Memory Functioning</li> <li>□ Socio-cultural aspects of aging</li> <li>□ Sexual aspects of aging</li> <li>□ Special Concerns of the Elderly Population</li> <li>□ Psychiatric problems among elderly population</li> <li>□ Treatment &amp; Nursing Management</li> </ul>





Unit	Hours	Content
<b>XIX</b>	<b>5</b>	<b>The person living with HIV Disease</b> <ul style="list-style-type: none"> <li>□ Psychological problems of individual HIV/AIDS</li> <li>□ Counseling</li> <li>□ Treatment &amp; Nursing Management</li> </ul>
<b>XX</b>	<b>5</b>	<b>Problems Related to Abuse or Neglect</b> <ul style="list-style-type: none"> <li>□ Vulnerable groups, Women, Children, elderly, psychiatric patients, under privileged, challenged</li> <li>□ Predisposing Factors</li> <li>□ Treatment &amp; Nursing management- Counseling</li> </ul>
<b>XXI</b>	<b>7</b>	<b>Community Mental Health Nursing</b> <ul style="list-style-type: none"> <li>□ National Mental Health Program- Community mental health program</li> <li>□ The Changing Focus of care</li> <li>□ The Public Health Model</li> <li>□ The Role of the Nurse</li> <li>□ Case Management</li> <li>□ The community as Client <ul style="list-style-type: none"> <li>• Primary Prevention</li> <li>• Populations at Risk</li> <li>• Secondary prevention</li> <li>• Tertiary Prevention</li> </ul> </li> <li>□ Community based rehabilitation</li> </ul>
<b>XXII</b>	<b>5</b>	<b>Ethical and Legal Issues in Psychiatric/Mental Health Nursing</b> <ul style="list-style-type: none"> <li>□ Ethical Considerations</li> <li>□ Legal Consideration</li> <li>□ Nurse Practice Acts</li> <li>□ Types of Law</li> <li>□ Classification within Statutory and Common Law</li> <li>□ Legal Issues in Psychiatric/Mental Health Nursing</li> <li>□ Nursing Liability</li> </ul>
<b>XXII I</b>	<b>5</b>	<b>Psychosocial rehabilitation</b> <ul style="list-style-type: none"> <li>□ Principles of rehabilitation</li> <li>□ Disability assessment</li> <li>□ Day care centers</li> <li>□ Half way homes</li> <li>□ Reintegration into the community</li> <li>□ Training and support to care givers</li> <li>□ Sheltered workshops</li> </ul> <b>Correctional homes</b>





Unit	Hours	Content
XXIV	5	<b>Counseling</b> <ul style="list-style-type: none"> <li>□ Liaison psychiatric nursing</li> <li>□ Terminal illnesses-Counseling</li> <li>□ Post partum psychosis-treatment, care and counseling</li> <li>□ Death dying- Counseling</li> <li>□ Treatment, care and counseling – <ul style="list-style-type: none"> <li>• Unwed mothers</li> <li>• HIV and AIDS</li> </ul> </li> </ul>
XXV	5	<b>Administration and management of psychiatric units including emergency units</b> <ul style="list-style-type: none"> <li>□ Design &amp; layout</li> <li>□ Staffing,</li> <li>□ Equipment, supplies,</li> <li>□ Norms, policies and protocols</li> <li>□ Quality assurance</li> <li>□ Practice standards for psychiatric nursing</li> <li>□ Documentation</li> </ul>
XXVI	5	<b>Education and training in psychiatric care</b> <ul style="list-style-type: none"> <li>□ Staff orientation, training and development,</li> <li>□ In-service education program, <ul style="list-style-type: none"> <li>• Clinical teaching programs.</li> </ul> </li> </ul>

## REFERENCE BOOKS:

1. Bhatia, B.D. and Craig, M: Elements of psychology and mental hygiene for nurses; Chennai : Orient Longman Pvt. Ltd
2. Dandekar, W.N. : Fundamentals of experimental psychology ; Kolhapur : Moghe Prakashan

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

Cos	POs/ PSOs
COs 1	Pos-1 , PSOs-1 to 7
COs 2	Pos-1 , PSOs-1 to 7
Cos 3	Pos-1 , PSOs-1 to 7
COs 4	Pos-1 , PSOs-1 to 7







COs 5	Pos-1 , PSOs-1 to 7
COs 6	Pos-1 , PSOs-1 to 7
COs 7	Pos-1 , PSOs-1 to 7
COs 8	Pos-1 , PSOs-1 to 7
COs 9	Pos-1 , PSOs-1 to 7
COs 10	Pos-1 , PSOs-1 to 7
COs 11	Pos-1 , PSOs-1 to 7





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(Gujarat Private State University Act 4 of 2018)

**FNM125502 – CLINICAL SPECIALITY- II**  
**COMMUNITY HEALTH NURSING**

**Placement: II Year**

**Hours of Instruction**  
**Theory 150 Hours**  
**Practical 900 Hours**  
**Total: 1100 Hours**

**Course Description**

This course is designed to assist students in developing expertise and in-depth understanding in the field of community health nursing. It will help students to develop advanced skills for nursing intervention in various aspects of community health care settings. It will enable the student to function as community health Nurse practitioner/specialist. It will further enable the student to function as educator, manager and researcher in the field of community health nursing.

**Objectives**

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

1. Appreciate trends and issues related to community health Nursing-reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health.
2. Apply epidemiological concepts and principles in community health nursing practice
3. Perform community health assessment and plan health programmes
4. Describe the various components of Reproductive and child health programme.
5. Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.
6. Describe the role and responsibilities of community health nurse in various national health and family welfare programmes
7. Participate in the implementation of various national health and family



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welfare programme

8. Demonstrate competencies in providing family centered nursing care independently
9. Participate/Conduct research for new insights and innovative solutions to health problems
10. Teach and supervise nurses and allied health workers.
11. Design a layout of sub center/Primary health center/Community health centre and develop standards for community health nursing practice.



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## Content Outlines

Unit	Hours	Content
<b>I</b>	<b>20</b>	<b>Epidemiology</b> <ul style="list-style-type: none"> <li>□ Introduction <ul style="list-style-type: none"> <li>• Concept, scope, definition, trends, History and development of modern Epidemiology</li> <li>• Contribution of epidemiology</li> <li>• Implications</li> </ul> </li> <li>□ Epidemiological methods</li> <li>□ Measurement of health and disease:</li> <li>□ Health policies</li> <li>□ Epidemiological approaches <ul style="list-style-type: none"> <li>• Study of disease causatives</li> <li>• Health promotion</li> <li>• Levels of prevention</li> </ul> </li> <li>□ Epidemiology of <ul style="list-style-type: none"> <li>• Communicable diseases</li> <li>• Non-communicable diseases</li> </ul> </li> <li>□ Emerging and re-emerging diseases Epidemics</li> <li>□ National Integrated disease Surveillance Programme</li> <li>□ Health information system</li> <li>□ Epidemiology study and reports</li> <li>□ Role of Community health nurse</li> </ul>
<b>Unit II</b>	<b>40</b>	<b>National Health and Family Welfare Programmes</b> <ul style="list-style-type: none"> <li>□ Objectives, Organisation/manpower/resources, Activities, Goals, inter-sectoral approach, implementation, item/purpose, role and responsibilities of community health nurse: <ul style="list-style-type: none"> <li>• National Vector Borne Disease Control Programm (NVBDGP)</li> <li>• National Filaria Control Programme</li> <li>• National Leprosy Eradication Programme</li> <li>• Revised national TB Control Programme</li> <li>• National Programme for Control of Blindness</li> <li>• National Iodine Deficiency disorders Control Programme</li> <li>• National Cancer Control Programme</li> <li>• RCH I and II</li> <li>• Non-communicable disease programmes</li> </ul> </li> </ul>



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Unit	Hours	Content
<b>III</b>	<b>15</b>	<b>School Health</b> <ul style="list-style-type: none"> <li>□ Introduction: definition, concepts, objectives,.</li> <li>□ Health assessment, Screening, identification, referral and follow up,</li> <li>□ Safe environment</li> <li>□ Services, programmes and plans- first aid, treatment of minor ailments</li> <li>□ Disaster, disaster preparedness, and management</li> <li>□ Guidance and counseling</li> <li>□ School health records - maintenance and its importance</li> <li>□ Roles and responsibilities of community health nurse</li> </ul>
<b>IV</b>	<b>15</b>	<b>International health</b> <ul style="list-style-type: none"> <li>□ Global burden of disease</li> <li>□ Global health rules to halt disease spread</li> <li>□ Global health priorities and programmes</li> <li>□ International quarantine</li> <li>□ International travel and trade</li> <li>□ Health and food legislation, laws, adulteration of food</li> <li>□ Disaster management</li> <li>□ Migration</li> <li>□ International health agencies –World Health organizations, World health assembly, UNICEF, UNFPA, SIDA, US AID, DANIDA, DFID. AusAID etc</li> <li>□ International health issues and problems</li> <li>□ International nursing practice standards</li> <li>□ International health vis-a vis national health</li> <li>□ International health days and their significance</li> </ul>
<b>V</b>	<b>15</b>	<b>Education and administration</b> <ul style="list-style-type: none"> <li>□ Quality assurance</li> <li>□ Standards, Protocols, Policies, Procedures</li> <li>□ Infection control; Standard safety measures</li> <li>□ Nursing audit</li> <li>□ Design of Sub-Centre/Primary Health Centre/Community health center</li> <li>□ Staffing; Supervision and monitoring-Performance appraisal</li> <li>□ Budgeting</li> <li>□ Material management</li> <li>□ Role and responsibilities of different categories of personnel in community health</li> <li>□ Referral chain- community outreach services</li> </ul>



Unit	Hours	Content
		<ul style="list-style-type: none"> <li>□ Training of various categories of health workers- preparation of manuals</li> </ul>
<b>VI</b>	<b>10</b>	<b>Geriatric</b> <ul style="list-style-type: none"> <li>□ Concept, trends, problems and issues</li> <li>□ Aging process, and changes</li> <li>□ Theories of ageing</li> <li>□ Health problems and needs</li> <li>□ Psycho-physiological stressors and disorders</li> <li>□ Myths and facts of aging</li> <li>□ Health assessment</li> <li>□ Home for aged-various agencies</li> <li>□ Rehabilitation of elderly</li> <li>□ Care of elderly</li> <li>□ Elderly abuse</li> <li>□ Training and supervision of care givers</li> <li>□ Government welfare measures Programmes for elderly- Role of NGOs</li> <li>□ Roles and responsibilities of Geriatric nurse in the community</li> </ul>
<b>VII</b>	<b>10</b>	<b>Rehabilitation</b> <ul style="list-style-type: none"> <li>□ Introduction: Concepts, principles, trends, issues,</li> <li>□ Rehabilitation team</li> <li>□ Models, Methods</li> <li>□ Community based rehabilitation</li> <li>□ Ethical issues</li> <li>□ Rehabilitation Council of India</li> <li>□ Disability and rehabilitation- Use of various prosthetic devices</li> <li>□ Psychosocial rehabilitation</li> <li>□ Rehabilitation of chronic diseases</li> <li>□ Restorative rehabilitation</li> <li>□ Vocational rehabilitation</li> <li>□ Role of voluntary organizations</li> <li>□ Guidance and counseling</li> <li>□ Welfare measures</li> <li>□ Role and responsibilities of community health nurse</li> </ul>





<b>Unit VIII</b>	<b>10</b>	<b>Community mental health</b> <ul style="list-style-type: none"> <li>□ Magnitude, trends and issues</li> <li>□ National Mental Health Program- Community mental health program</li> <li>□ The Changing Focus of care</li> <li>□ The Public Health Model</li> <li>□ Case Management- Collaborative care</li> <li>□ Crisis intervention</li> <li>□ Welfare agencies</li> <li>□ Population at Risk</li> <li>□ The community as Client <ul style="list-style-type: none"> <li>• Primary Prevention</li> <li>• Secondary prevention</li> <li>• Tertiary Prevention</li> </ul> </li> <li>□ Community based rehabilitation</li> <li>□ Human rights of mentally ill</li> <li>□ Substance use</li> <li>□ Mentally challenged groups <ul style="list-style-type: none"> <li>• Role of community health nurse</li> </ul> </li> </ul>
<b>IX</b>	<b>15</b>	<b>Occupational health</b> <ul style="list-style-type: none"> <li>□ Introduction: Trends, issues, Definition, Aims, Objectives, Workplace safety</li> <li>□ Ergonomics and Ergonomic solutions</li> <li>□ Occupational environment- Physical, social, Decision making, Critical thinking</li> <li>□ Occupational hazards for different categories of people- physical, chemical, biological, mechanical, , Accidents,</li> <li>□ Occupational diseases and disorders</li> <li>□ Measures for Health promotion of workers; Prevention and control of occupational diseases, disability limitations and rehabilitation</li> <li>□ Women and occupational health</li> <li>□ Occupational education and counseling</li> <li>□ Violence at workplace</li> <li>□ Child labour</li> <li>□ Disaster preparedness and management</li> <li>□ Legal issues: Legislation, Labour unions, ILO and WHO recommendations, Factories act, ESI act</li> <li>□ Role of Community health nurse, Occupational health Team</li> </ul>



## REFERENCE BOOKS:

1. Karon Saucier Lundy; Sharyn James; "Caring for the Public Health" Jones & Barlett Publishers
2. Philis E Schubert ; Janice E (EDT)" Community Health Nursing: Caring in action"; Thomson Delmor learning .

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs):

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<b>COs 6</b>	Pos-1 , PSOs-1 to 7
<b>COs 7</b>	Pos-1 , PSOs-1 to 7
<b>COs 8</b>	Pos-1 , PSOs-1 to 7
<b>COs 9</b>	Pos-1 , PSOs-1 to 7
<b>COs 10</b>	Pos-1 , PSOs-1 to 7
<b>COs 11</b>	Pos-1 , PSOs-1 to 7