

ADMISSION & EXAMINATION BYELAWS

FOR

Programme Name: Master of Science in Nursing (M. Sc. Nursing)

Programme Code:

M.Sc. Nursing- Obsteric & gynaecological Nursing : 532

M.Sc. Nursing- Mental health Nursing (Psychiatry) : 533

M.Sc. Nursing- Community health Nursing : 534

M.Sc. Nursing- Child health Nursing : 535

M.Sc. Nursing- Medical Surgical Nursing : 536

Academic Session of Introduction of the Programme: 2008-2009

School Name: School of Nursing Sciences & Allied Health (SNSAH)

Department Name: Rufaida College of Nursing

Byelaws & Syllabus: Attached

Content (Index)

S. No.	Particular	Page No.
1	Approval Dates	3
2	Vision and Mission statements	4
4	Programme Outcomes/Programme Learning objectives	5
5	Consolidated semester wise Programme details in tabular form such as Course (Paper) Title, Course Code, Allotted Credits, Sessional Marks, End semester marks and Total marks.	6
6	Rules & Regulations	11
7	Course wise details	21

- **Approval Date of Board Of Studies (BOS) Meeting for the Present Syllabus:
20/07/2007 & 7/11/2009**

- **Approval Date & Number of Academic Council Meeting for the Present Syllabus:**

MISSION AND VISION STATEMENT OF RUFAIDA COLLEGE OF NURSING

VISION STATEMENT

To create an institute of national and international repute in Nursing and Midwifery offering state of the art education entailing the finest skills combined with compassionate patient care.

MISSION STATEMENTS

Mission statement 1:

To provide quality nursing education and prepare compassionate and competent global nursing professionals capable of rendering highest level of quality patient care, who can make contribution towards clinical nursing practice, education and research in the field of Nursing and Midwifery.

Mission statement 2:

We believe in providing quality higher education in nursing so as to prepare the youth to become exemplary citizens by adhering to the code of ethics and professional conduct at all times in fulfilling their professional, personal and social obligations, so as to contribute in upliftment of Nursing profession and nation building.

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

PO 1. Utilize/apply the concepts, theories and principles of nursing science

PO 2. Demonstrate advance competence in practice of nursing

PO 3. Practice as a nurse specialist.

PO 4. Demonstrate leadership qualities and function effectively as nurse educator and manager.

PO 5. Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.

PO 6. Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.

PO 7. Establish collaborative relationship with members of other disciplines

PO 8. Demonstrate interest in continued learning for personal and professional advancement.

Mapping Program Objectives (POs) with Mission Statements

	MS1	MS2
PO-1	3	2
PO-2	3	3
PO-3	3	3
PO-4	3	3
PO-5	3	2
PO-6	3	3
PO-7	3	3
PO-8	3	3

Level Mapping: ‘3’ is for high level mapping, ‘2’ for medium level mapping, ‘1’ for low level mapping.

Consolidated Semester-wise Programme Details in Tabular Form:

Semester	Course Code	Course Title	Sessional Marks	End Semester Marks	Total Marks	Allotted credits	
						T	P
Semester I							
Sem I	MN 101	Nursing Education A	25	75	100	7	3
Sem I	MN102	Advance Nursing Practice	25	75	100	10	7
Sem I	<u>MN CS 103</u> MMS 103	<u>Clinical Specialty A (Theory)</u> Medical Surgical Nursing A	25	75	100	7	10
	MNP 103	Child Health Nursing (Pediatrics) A					
	MOGN103	Obstetric and Gynecology Nursing A					
	MMHP 103	Mental Health Nursing (Psychiatry) A					
	MCHN 103	Community Health Nursing A					
Semester II							
Sem II	MN 201	Nursing Research & Statistics	25***	75**	100	10	3
Sem II	<u>MN CS 202</u>	<u>Clinical Specialty B (Theory)</u>	25	75	100	3	12

		<u>Clinical Specialty</u> <u>A+B (Practical)</u>	100	100	200		
	MMS 202	Medical Surgical Nursing B (Theory) Medical Surgical Nursing A+B (Practical)					
	MNP 202	Child Health Nursing (Pediatrics) B (Theory) Child Health Nursing (Pediatrics) A+B (Practical)					
	MOGN 202	Obstetric and Gynecology Nursing B (Theory) Obstetric and Gynecology Nursing A+B (Practical)					
	MMHP 202	Mental Health Nursing (Psychiatry) B (Theory) Mental Health Nursing (Psychiatry) A+B (Practical)					
	MCHN 202	Community Health Nursing B (Theory) Community Health Nursing A+B (Practical)					
Sem II	MN 203	Nursing Education B (Theory)	25	75	100	3	2

		Nursing Education A+B (Practical)	50	50	100		
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** Nursing Research - 50 and statistics – 25

*** Nursing Research - 15 and statistics - 10

Semester	Course Code	Course Title	Sessional Marks	End Semester Marks	Total Marks	Allotted credits	
						T	P
Semester III							
Sem III	MN301	Nursing Research Dissertation	100	100	200	--	10
Sem III	MN CS 302	<u>Clinical Specialty A (Theory)</u>	25	75	100	07	18
	MMS302	a) Medical Surgical Nursing A					
	MNP302	b) Child Health Nursing (Pediatrics) A					
	MOGN 302	c) Obstetric and Gynecology Nursing A					
	MMHP302	d) Mental Health Nursing (Psychiatry) A					
	MCHN302	e) Community Health Nursing A					
Elective Module****							
Semester IV							
Sem IV	MN CS 401	<u>Clinical Specialty B (Theory)</u>	25	75	100	3	13

		<u>Clinical Specialty</u> <u>A+B (Practical)</u>	100	100	200		
	MMS 401	a) Medical Surgical Nursing B (Theory)					
	MNP 401	Medical Surgical Nursing A+B (Practical)					
		b) Child Health Nursing (Pediatrics) B (Theory)					
	MOGN 401	Child Health Nursing (Pediatrics) A+B					
		c) Obstetric & Gynecology Nursing B					
	MMHP 401	Obstetric & Gynecology Nursing A+ B (Practical)					
		d) Mental Health Nursing (Psychiatry) B (Theory)					
	MCHN 401	Mental Health Nursing (Psychiatry)					

		A+B (Practical)					
		e) Community Health Nursing B(Theory)					
		Community Health Nursing A+ B(Practical)					
Sem IV	MN 402	Nursing Management	25	75	100	10	3

*Lecture, Tutorial and Practical

** Nursing Research - 50 and statistics – 25

*** Nursing Research - 15 and statistics - 10

****Elective module to be completed before commencement of the III semester examination. It will be reflected in the transcript.

RULES & REGULATIONS OF THE PROGRAMME

- **Eligibility for Admission:**

A candidate seeking admission to this course must:

- i. Be a Registered Nurse & Registered Midwife or equivalent with any State Nursing Registration Council.
- ii. The candidate should have passed B.Sc. Nursing / B.Sc. (Hons) Nursing / Post Basic B.Sc. Nursing securing minimum of 55% aggregate marks, from an INC recognized institution.
- iii. Reservation: reservation will be done as the JH M.Sc. bye laws.
- iv. Minimum one year of work experience after Basic B.Sc. Nursing registration with State Nursing council. Minimum one year of work experience prior or after Post Basic B.Sc. Nursing after registration with State Nursing council.
- v. Candidate shall be medically fit
- vi. Qualify the admission test / interview conducted by Jamia Hamdard. Selection of candidate will be based on the merit of entrance examination. Internal reservation will be as per JH bye laws.
- vii. Both married and non-married candidates are eligible.
- viii. Two seats are reserved for candidates from Rufaida college of Nursing, Jamia Hamdard, every year, based on seniority and having qualified in the entrance examination, of that year.
- ix. Foreign students/NRI: will be admitted as per Jamia Hamdard M.Sc. bye laws.

g. Commencement of the Programme: As per UGC recommended academic calendar.

h. Total no. of seats : 25

S. No.	Specialities	Number of seats
1	Medical Surgical Nursing	6
2	Child Health Nursing (Pediatrics)	2
3	Obstetric and Gynecology Nursing	6
4	Mental Health Nursing (Psychiatry)	6
5	Community Health Nursing	5
		Grand total = 25

NRI seats are available as per Jamia Hamdard M.Sc. Bylaws.

3. Course Structure:

Rufaida College of Nursing follows the syllabus of M. Sc. Nursing prescribed by Indian Nursing Council, which has been duly approved by Academic Council of Jamia Hamdard. The distribution of hours in classroom instruction and supervised nursing practice in various subjects is given below. The course work shall be divided into four semesters. The course contents are given in the syllabus.

Duration: 24 Months (2 years)		Semesters: 4	
Available weeks =52			
Hours/ week =40			
Odd Semester I and III		Even Semester II and IV	
Duration	26 week	Duration	26 weeks
Preparatory leave, exam and winter vacation	2 weeks	Preparatory leave	1 week
		Exam	2 weeks
		Summer vacation	4 weeks
Weeks for course of instruction	24 weeks	Weeks for course of instruction	19 weeks
Total hours of Instructions	24 x 40= 960 hours		19 x 40= 760 hours

Courses of Instructions

S.no.	Subject	Theory Hours	Practical Hours
SEMESTER 1			
1	Nursing Education A	100	100
2	Advance Nursing Practice	150	200
3	<u>Clinical Specialty</u> 1. Medical Surgical Nursing A 2. Child Health Nursing (Pediatrics) A 3. Obstetric and Gynecology Nursing A 4. Mental Health Nursing (Psychiatry) A 5. Community Health Nursing A	100	290
Total		350	590
		Required hrs.=940	
SEMESTER II			
1.	Nursing Research & Statistics	150	100
2	<u>Clinical Specialty</u> 1. Medical Surgical Nursing B 2. Child Health Nursing (Pediatrics) B 3. Obstetric and Gynecology Nursing B 4. Mental Health Nursing (Psychiatry) B 5. Community Health Nursing B	50	360
3	Nursing Education B	50	50
Total		250	510
		Required hrs. =760	
SEMESTER III			
1.	Nursing Research Dissertation		300

2.	<u>Clinical Specialty</u> 1. Medical Surgical Nursing A 6. Child Health Nursing (Pediatrics) A 7. Obstetric and Gynecology Nursing A 8. Mental Health Nursing (Psychiatry) A 9. Community Health Nursing A	100	550
3.	Elective Module during self-study time*	20	
Total		100	850
		Required hrs. =950	
SEMESTER IV			
1.	<u>Clinical Specialty</u> 6. Medical Surgical Nursing B 7. Child Health Nursing (Pediatrics) B 8. Obstetric and Gynecology Nursing B 9. Mental Health Nursing (Psychiatry) B 10. Community Health Nursing B	50	400
2.	Nursing Management	150	150
Total		200	550
		Required hrs. =750	

*Elective module to be completed before commencement of the III semester examination.

Elective Module

Students have to complete online module/course from MOOC (Swayam Portal) and have to obtain minimum of 2 credits by way of doing any one course from the following areas before the examination of 3rd Semester. Students need to submit the certificate to this effect.

1. Research Methodology
2. Communication
3. Stress Managements
4. Guidance & Counseling
5. Leadership

4. Scheme of Examination:

The distribution of marks for semester test in theory & practical subjects in different papers during the four semesters of study is detailed below. The duration of semester examination in theory will

be 2-3 hours (either 2 or 3 hours) and in practical will be 4 hours, unless specified otherwise. The examination should be held preferably in the same institution where she is a student or where she had her practical experience. There should be nurse examiners only, and these should be conducted as far as possible in the actual work situation in the hospital or at the Health Centre / Village rather than in a classroom.

- **For theory, 1 credit= 15 hours and for practical, 1 credit = 30 hours. There will be at least 90 working days in each semester.**

Calculation of LTP in hours/week:

$$\text{Lectures/ Practical hours/week} = \frac{\text{No. of theory/practical hours of a subject}}{\text{No. of weeks available in the semester}}$$

Calculation of Theory and Practical credits:

$$\text{No. of credits (Theory)} = \frac{\text{No. of theory hours of a subject}}{15 \text{ hours}}$$

$$\text{No. of credits (Practical)} = \frac{\text{No. of Practical hours of a subject}}{30 \text{ hours}}$$

Dissertation:

Evaluation of the dissertation should be done by the examiner prior to viva voce. Submission of thesis will be done in the beginning month of IV semester.

Classification of Result

Following grading system shall be followed to represent performance of students in the examination:

% marks	Grade	Grade point	Performance level
≥80	A+	10	Outstanding
75- <80	A	9	Excellent
70- <75	B	8	Good
60- <70	C	7	Average

50- <60	D	6	Marginal
< 50	E		Fail

Evaluation of performance:

a. SGPA (Semester Grade Point Average) shall be awarded on successful completion of each semester.

$$SGPA = \frac{\sum CG}{\sum C}$$

b. CGPA (Cumulative Grade Point Average) shall be awarded on successful completion of current and previous semester. In first semester CGPA is not applicable.

5. Internal Assessment:

- (a) For the purpose of internal assessment, there will be a mid-semester examination, both in theory and practical of 2 hours duration. These will be conducted by the respective teachers as per a notified schedule during the regular teaching blocks.
- (b) The students shall be required to maintain records / reports of all the academic / clinical requirements for assessment by the teachers concerned.
- (c) A regular record of Theory & Practical examination and assessment of academic / clinical requirements, etc. conducted in an academic year shall be maintained by the teachers for each student.
- (d) The candidates must secure a minimum of 50% marks in each, theory and practical, in internal assessment otherwise student shall not be allowed to take up the end semester examination. The scheme of examination, as mentioned earlier, will be followed for awarding internal assessment in theory as well as in practical.
- (e) The final internal assessment of the student will be submitted to the Principal / Dean, who shall forward the same to the Registrar 10 days prior to the commencement of end semester examination. These would also be displayed on the notice board.
- (f) Internal assessment will be made by concerned teachers based on minor tests, mid semester test, quizzes, presentations, assignments and attendance. A promoted candidate who has to reappear in the examination of the paper will retain internal assessment marks. In case of readmission, the candidate shall have to go through the internal assessment process afresh and shall retain nothing of the previous year.

6. Attendance:

- (a) All students must attend every lecture / practical class. However, to account for late joining or other such contingences including sickness, the attendance requirement for appearing in the end semester examination shall be a minimum of 80% for theory and 80% for practical. A candidate must have 100% attendance in each of the practical areas before awards of degree.
- (b) If a student is found to be continuously absent from the classes without information for a period of 30 days, the teacher in-charge shall report it to the Principal / Dean for striking off the name of such a student from rolls. Such a student may, however, apply for readmission within 15 days of the notice of striking off the name. The request may be considered by the Dean for readmission. Such a student shall not be re-admitted after the prescribed period. The readmission shall be effected on payment of prescribed readmission fees. The final decision will rest on the Dean of the School and the competent authority.

7. Eligibility for appearing for Semester Examination:

- (a) A student seeking admission to the examination to be held at the end of each semester must have pursued the course of study for one semester and must have completed the prescribed attendance requirements i.e. 80% of attendance for theory and 80% for practical, however 100 % attendance in practical / clinical is mandatory before award of degree.
- (b) A student must complete all the requirements of each subject for the award of the degree within the prescribed span period of the course.
- (c) The student must secure a minimum of 50% mark in each theory and practical in internal assessment.

8. Semester Examination:

The semester examination shall be held as per schedule given in the academic calendar of Ruffaida College of Nursing, Jamia Hamdard.

9. Result Declaration

The results will be declared at the end of the semester once the end semester exams are finished.

10. Promotion to next class

- (a) All students securing at least 50% marks in each of the subjects separately in theory as well as Practical examination and in internal assessment shall be promoted to the next semester of study. Candidate must pass in internal and external examinations in each of the papers separately.
- (b) A student who fails in one or two subjects (separately in theory and practical) may be provisionally promoted to the next semester. However, such a student shall have to clear these subjects in the next year/ semester. Maximum no. of attempts per subject is three inclusive of first attempt.
- (c) A student who fails in more than two subjects whether theory or practical will have to repeat the semester or year of study & clear it within the prescribed span period. If a candidate fails in either theory or practical paper, he/she has to reappear for both the papers (theory and practical).
- (d) No candidate shall be awarded the M. Sc. Nursing degree unless:
- He/She has passed in all the subjects.
 - He/She has completed all semester / clinical requirements of the Programme.
- (e) Promotion to the next higher class will be considered subject to rules relating to the span period & successfully completing all the requirements of the Programme of study.

11. Classification of successful candidates

- (a) The result of the successful candidates, who fulfill the criteria for the award of Master of Science in Nursing, shall be classified at the end of last semester on the basis of her final CGPA.
- (b) Classification will be done on the basis of following criteria:

Result	CGPA	Percentage
Distinction	≥ 9	75% and above
1 st division	$\geq 6.75-8.9$	60-74.9%
2 nd division	$\geq 6- 6.74$	50-59.9%
Pass	$\geq 5- 5.9$	50% pass in each of the theory and practical separately
Fail	Below 5	Below 50%

- (c) A student shall be eligible for award of Gold Medal subject to the following criteria:

- (i) He / She has secured the highest final CGPA or highest marks in aggregate of examinations of all the four semesters of the programme of study.
- (ii) He / She has passed all examinations in first attempt.
- (iii) He / She has obtained a minimum of 80% mark in the aggregate as stated in (i)

12. Span Period: The maximum period to complete the course successfully should not exceed **four years** from the year of admission. A student must pass 1st year examination (Both semester, 1 & 2) within two academic years, and must complete the full course (All four semester) of study within four years from their admission to the first year of the course.

COURSE WISE DETAILS

SYLLABUS

Semester-I

Name of the Academic Program: M.Sc. Nursing

Course code: MN 101

Title of the Course: Nursing Education

L-T-P: 4-0-4

Credits: 7+3

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this Course, the students should be able to;

CO-1: Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.

CO-2: Describe the teaching learning process.

CO-3: Prepare and utilize various instructional media and methods in teaching learning process.

CO-4: **Demonstrate competency in teaching, using various instructional strategies.**

CO-5: Critically analyze the existing nursing educational programs, their problems, issues and future trends.

CO-6: Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.

CO-7: Plan and conduct continuing nursing education programs.

CO-8: **Demonstrate skill in guidance and counseling.**

CO-9: Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.

CO-10: Explain the development of standards and accreditation process in nursing education programs.

CO-11 : Identify research priorities in nursing education.

CO-12: Discuss various models of collaboration in nursing education and services.

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	2	2	1	1	1	1
CO2	2	3	1	1	1	1	2	2
CO3	1	1	1	1	1	1	1	1
CO4	1	2	2	2	2	1	2	2
CO5	1	1	2	1	2	1	1	1
CO6	1	1	2	1	1	2	1	1

C07	2	2	1	2	1	1	2	1
C08	1	1	2	1	2	1	1	3
C09	2	2	2	2	2	1	1	1
C010	1	2	2	3	1	1	2	2
C011	1	1	2	2	1	1	1	1
C012	1	2	2	1	3	1	1	1

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus:

Theory: 100 hrs.

Practical: 100 hrs.

Unit I (10hrs)

Introduction:

- Education: Definition, aims, concepts, philosophies & their education implications,
- Impact of Social, economical, political & technological changes on education:
 - Professional education
 - Current trends and issues in education
 - Educational reforms and National Educational policy, various educational commissions-reports
 - Trends in development of nursing education in India

Unit II (20 hrs)

Teaching–Learning Process

- Concepts of teaching and learning: Definition, Theories of teaching and learning, relationship between teaching and learning.
- Educational aims and objectives; types, domains, levels, elements and writing of educational objectives
- Competency based education (CBE) and outcome based education (OBE)

- Instructional design: Planning and designing the lesson, writing lesson plan: meaning, its need and importance, formats.
 - Instruction strategies—
 - Lecture, discussion, demonstration, simulation, laboratory, seminar, panel, symposium, problem solving, problem based learning (PBL), workshop, project, role-play (socio-drama), clinical teaching methods, programmed instruction, self directed learning (SDL), microteaching, computer assisted instruction (CAI), computer assisted learning (CAL)

Unit III (10 hrs)

Instructional media and methods

- Key concepts in the selection and use of media in education
- Developing learning resource material using different media
- Instructional aids – types, uses, selection, preparation, utilization.
- Teacher's role in procuring and managing Instructional Aids—Project and non-projected aids, multimedia, video-teleconferencing etc

Unit IV (5hrs)

Nursing Educational programs

- Perspectives of nursing education: Global and national.
- Patterns of nursing education and training programmes in India. Non-university and University programs: ANM, GNM, Basic B.Sc. Nursing, Post Certificate B.Sc. Nursing, M.Sc (N) programs, M.Phil and Ph.D) in Nursing, post basic diploma programs, nurse practitioner programs.

Unit V (12hrs)

Continuing Education in Nursing

- Concepts – Definition, importance, need scope, Principles of adult learning, assessments of learning needs, priorities, resources.
- Program planning, implementation and evaluation of continuing education programs.
- Research in continuing education.
- Distance education in nursing.

Unit VI (10hrs)

Curriculum Development

- Definition, curriculum determinants, process and steps of curriculum development, Curriculum models, Types and framework.
- Formulation of philosophy, objectives, selection and organization of learning experiences; master plan, course plan, unit plan.
- Evaluation strategies, process of curriculum change, role of students, faculty, administrators, statutory bodies and other stakeholders.
- Equivalency of courses: Transcripts, credit system.

Unit VII (10 hrs)

Guidance and counseling

- Concept, principles, need, difference between guidance and counseling, trends and issues.
- Guidance and counseling services: diagnostic and remedial.

- Coordination and organization of services.
- Techniques of counseling: Interview, casework, characteristics of counselor, problems in counseling.
- Professional preparation and training for counseling.

Unit VIII (15hrs)

Administration of Nursing Curriculum

- Role of curriculum coordinator – planning, implementation and evaluation.
- Evaluation of educational programs in nursing-course and program.
- Factors influencing faculty staff relationship and techniques of working together.
- Concept of faculty supervisor(dual)position.
- Curriculum research h in nursing.
- Different models of collaboration between education and service

Unit IX (5 hrs)

Management of nursing educational institutions

- Planning, organizing, staffing, budgeting, recruitment, discipline, public relation, performance appraisal, welfare services, library services, hostel.

Unit X (5 hrs)

- Development and maintenance of standards and accreditation in nursing education programs.
- Role of Indian Nursing Council, State Registration Nursing Councils, Boards and University.
- Role of Professional associations and unions.

Theory

Teaching-Learning Strategies:

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A; session. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. Attendance and academic activities are computed for internal assessment. Sessional exam is conducted for 40 marks. Continuous mode evaluation comprising of Attendance, Academic activities (e.g., Quiz, assignment, class test, group discussion and seminar)).End semester examsis of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75Marks)

Practical

Teaching- Learning Strategies:

The teaching learning strategies followed are learning by doing. For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and Audio-visual aids file, Undergraduate teachings, Peer- group teachings, Tool preparation, Field visits, case studies, Panel discussion, workshop etc.) are included. End semester exams is of 50 marks. Total Marks are 100 for the subject (Internal Assessment: 50 Marks and End Semester Examination: 50 Marks).

Reference Books:

- Sodhi Jaspreet Kaur, Comprehensive Textbook of Nursing Education
- KP Neerja, Textbook of Nursing Education
- BT Basvanthappa, Nursing Education

Name of the Academic Program: M.Sc. Nursing

Course Code: MN-102

Title of the Course: Advance Nursing Practice

LTP: 6-0-8 Credits: 10+7

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this course student will be able to:

CO-1: Appreciate and analyze the development of nursing as a profession.

CO-2: Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.

CO-3: Explain bio- psycho- social dynamics of health, life style and health care delivery system.

CO-4: Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.

CO-5: Describe scope of nursing practice.

CO-6: Provide holistic and competent nursing care following nursing process approach.

CO-7: Identify latest trends in nursing and the basis of advance nursing practice.

CO-8: Perform extended and expanded role of nurse.

CO-9: Describe alternative modalities of nursing care.

CO-10: Describe the concept of quality control in nursing.

CO-11: Identify the scope of nursing research.

CO-12: **Use computer in patient care delivery system and nursing practice.**

CO-13: Appreciate importance of self development and professional advancement.

Mapping of Course Outcomes (Cos) with Program Outcomes (POs)

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PL07	PLO8
CLO1	1	1	1	2	1	1	2	2
CLO2	2	1	2	3	1	2	2	1
CLO3	1	1	2	1	1	2	1	2
CLO4	2	3	1	3	2	2	3	2
CLO5	1	2	2	1	2	2	2	2
CLO6	2	1	1	2	2	2	1	2
CLO7	2	2	2	2	2	3	2	1
CLO8	2	1	3	1	2	2	1	3
CLO9	2	1	2	2	3	2	1	2
CLO10	2	2	3	1	2	2	2	2
CLO11	3	2	2	1	2	3	2	1
CLO12	1	1	2	2	1	2	1	2
CLO13	2	2	1	2	1	2	3	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus:

Theory Hours: 150

Practical Hours: 200

Unit I: 10 hours

Nursing as a Profession

- History of development of nursing profession, characteristics, criteria of the profession, perspective of nursing profession-national, global
- Code of ethics(INC), code of professional conduct(INC), autonomy and accountability, assertiveness, visibility of nurses, legal considerations,
- Role of regulatory bodies
- Professional organizations and unions-self defense, individual and collective bargaining
- Educational preparations, continuing education, career opportunities, professional advancement & role and scope of nursing education.
- Role of research, leadership and management.
- Quality assurance in nursing (INC).
- Futuristic nursing.

Unit II: 5 hours

Health care delivery

- Healthcare environment, economics, constraints, planning process, policies, political process vis a vis nursing profession.
- Health care delivery system- national, state, district and local level.
- Major stakeholders in the health care system-Government, non-govt, Industry and other professionals.
- Patterns of nursing care delivery in India.
- Healthcare delivery concerns, national health and family welfare programs, inter-sectoral coordination, role of non-governmental agencies.
- Information, education and communication(IEC).

- Tele-medicine.

Unit III: 10 hours

Genetics

- Review of cellular division, mutation and law of inheritance, human genome project, The Genomic era.
- Basic concepts of Genes, Chromosomes & DNA.
- Approaches to common genetic disorders.
- Genetic testing– basis of genetic diagnosis, Pre symptomatic and predisposition testing, Prenatal diagnosis & screening, Ethical, legal & psychosocial issues in genetic testing.
- Genetic counseling.
- Practical application of genetics in nursing.

Unit IV: 10 hours

Epidemiology

- Scope, epidemiological approach and methods,
- Morbidity, mortality,
- Concepts of causation of diseases and their screening,
- Application of epidemiology in health care delivery, Health surveillance and health informatics
- Role of nurse

Unit V: 20 hours

Bio-Psychosocial pathology

- Patho physiology and Psychodynamics of disease causation
- Life processes, homeostatic mechanism, biological and psycho-social dynamics in causation of disease, lifestyle
- Common problems: Oxygen insufficiency, fluid and electrolyte imbalance, nutritional problems, hemorrhage and shock, altered body temperature, unconsciousness, sleep pattern and its disturbances, pain, sensory deprivation.
- Treatment aspects: pharmacological and pre- post operative care aspects,
- Cardio pulmonary resuscitation.
- End of life Care
- Infection prevention (including HIV) and standard safety measures, bio-medical waste management.
- Role of nurse- Evidence based nursing practice; Best practices
- Innovations in nursing

Unit VI: 20 hours

Philosophy and Theories of Nursing

- Values, Conceptual models, approaches.
- Nursing theories: Nightingale's, Henderson's, Roger's, Peplau's, Abdella's, Lewine's, Orem's, Johnson's, King's, Neuman's, Roy's, Watson parse, etc and their applications,
- Health belief models, communication and management, etc
- Concept of Self health.
- Evidence based practice model.

Unit VIII: 20 hours

Nursing Process Approach

- Health Assessment-illness status of patients/clients (Individuals, family, community), Identification of health-illness problems, health behaviors, signs and symptoms of clients.
- Methods of collection, analysis and utilization of data relevant to nursing process.
- Formulation of nursing care plans, health goals, implementation, modification and evaluation of care.

Unit IX: 30 hours

Psychological aspects and Human relations

- Human behavior, Life processes & growth and development, Personality development, defense mechanisms,
- Communication, interpersonal relationships, individual and group, group dynamics, and organizational behavior,
- Basic human needs, Growth and development, (Conception through preschool, School age through adolescence, Young & middle adult, and Older adult)
- Sexuality and sexual health.
- Stress and adaptation, crisis and its intervention,
- Coping with loss, death and grieving,
- Principles and techniques of Counseling.

Unit X: 10 hours

Nursing practice

- Framework, scope and trends.
- Alternative modalities of care, alternative systems of health and complimentary therapies.
- Extended and expanded role of the nurse, in promotive, preventive, curative and restorative health care delivery system in community and institutions.
- Health promotion and primary healthcare.
- Independent practice issues, -Independent nurse-midwifery practitioner.
- Collaboration issues and models-within and outside nursing.
- Models of Prevention,
- Family nursing, Home nursing,
- Gender sensitive issues and women empowerment.
- Disaster nursing.
- Geriatric considerations in nursing.
- Evidence based nursing practice-Best practices
- Trans-cultural nursing.

Unit XI: 25 hours

Computer applications for patient care delivery system and nursing practice

- Use of computers in teaching, learning, research and nursing practice.
- Windows, MS office: Word, Excel, PowerPoint,
- Internet, literature search,
- Statistical packages,
- Hospital management information system: softwares.

Recommended Books:

- Textbook of Advanced Nursing Practice by Navdeep Kaur Brar & HC Rawat. Jaypee Brothers Med. Publishers
- Textbook of Advanced Nursing Practice by Basheer & Khan. Emmess.

- Textbook of Advanced Nursing Practice by Bobby VJ, Nair & Sunita KS. Jaypee Brothers Med. Publishers.

Teaching Learning Strategies:

Lecture cum discussion, Seminar, Panel discussion, Debate, Case Presentations, Exposure to scientific conferences, Field visits

Activities: Prepare Case studies with nursing process approach and theoretical basis, Presentation of comparative picture of theories, Family case-work using model of prevention, Annotated bibliography, report of field visits.

Assessment Methods & Weightage:

There are two components of assessment: Internal Assessment and End Semester Exam. Internal assessment consists of continuous mode and sessional exam. Internal assessment is of 25 marks and End semester exam is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks & End Semester Exam: 75 Marks)

Name of the Academic Program: M.Sc. Nursing

Course Code: MMS-103

Title of the Course: Medical Surgical Nursing A

L-T-P: 4-0-12

Credits: 7+10

COURSE OUTCOMES (COS)

After completing this course student will be able to:

CO-1: Appreciate the trends & issues in the field of Medical–Surgical Nursing as a speciality.

CO-2 Apply concepts & theories related to health promotion.

CO-3 Appreciate the client as a holistic individual.

CO-4 Perform physical, psychosocial assessment of Medical–Surgical patients.

CO-5 Apply Nursing process in providing care to patients.

CO-6 Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.

CO-7 Recognize and manage emergencies with Medical- Surgical patients.

CO-8: Describe various recent technologies & treatment modalities in the management of critically ill patients.

CO-9 Appreciate the legal & ethical issues relevant to Medical–Surgical Nursing.

CO-10 Prepare a design for layout and management of Medical–Surgical Units.

CO-11 Appreciate the role of alternative systems of Medicine in care of patients.

CO-12: Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical–Surgical Nursing.

CO-13 Recognize the role of Nurse practitioner as a member of the Medical–Surgical health team.

CO-14 Teach Medical–Surgical Nursing to undergraduate nursing students & in-service nurses.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8
CO1	2	2	2	2	3	2	1	2
CO2	2	1	3	1	2	2	1	3
CO3	2	1	2	3	2	1	1	2
CO4	2	3	2	1	2	2	3	2
CO5	3	2	2	1	2	1	2	1
CO6	2	1	2	2	1	2	1	2
CO7	2	2	3	2	3	2	1	2
CO8	2	1	2	2	3	2	1	2
CO9	2	3	2	1	2	2	3	
CO10	3	3	1	2	3	2	3	2
CO11	2	1	3	1	2	1	1	3
CO12	1	1	1	3	1	2	1	2
CO13	2	3	2	2	2	3	1	2
CO14	2	2	2	1	2	1	2	1

Detailed Syllabus:

Theory: 100 hrs.

Practical: 290 hrs.

Unit I: 5 Hours

Introduction:

- Historical development of Medical- Surgical Nursing in India.
- Current status of health and disease burden in India.
- Current concept of health.
- Trends & issues in Medical – Surgical Nursing.
- Ethical & cultural issues in Medical – Surgical Nursing.
- Rights of patients.
- National health policy, special laws & ordinances relating to older people.
- National goals.
- Five year plans.
- National health programs related to adult health.

Unit II- 20 Hours

Health Assessment of patients

- History taking.
- Physical examination of various systems.
- Nutritional assessment.
- Related investigations and diagnostic assessment.

Unit III- 5 Hours

Care in hospital settings:

- Ambulatory care.
- Acute and Critical care.
- Long term care.
- Home Health Care.
- Characteristics, care models, practice settings, interdisciplinary team.
- Hospitalization- effects of hospitalization on the patient & family.
- Stressors & reactions related to disease process.
- Nursing care using Nursing process approach.

Unit IV- 10 Hours

Management of patients with disorders of Gastro intestinal tract

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment- History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit V- 10 Hours

Management of patients with disorders of nervous system

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment- History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit VI- 10 Hours

Management of patients with disorders of respiratory system

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment- History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit VII- 10 Hours

Management of patients with disorders of cardio vascular system

- Review of anatomy and physiology.
- Common Disorders- etiology, Pathophysiology ,Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination,investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit VIII- 5 Hours

Management of patients with disorders of blood

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology,Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination,investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies
- Evidence based nursing practice
- Rehabilitation and follow-up

Unit IX- 10 Hours

Management of patients with disorders of genito urinary system

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinicalmanifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit X- 10 Hours

Management of patients with disorders of endocrine system

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination,investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit XI: 8 Hours

Management of patients with disorders of reproductive system

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Recommended Books:

- Brunner and Suddarth's Textbook of Medical Surgical Nursing by SK Sharma, S. Madhavi. Wolters Kluwer.
- Lippincott Manual of Medical Surgical Nursing, Wolters Kluwer.
- Medical Surgical Nursing by Black and Hawks. Elsevier.

Teaching Learning Strategies:

Lecture cum discussion, Seminar, Case Presentations, Exposure to scientific conferences
Activities: Clinical presentations, History taking, Health Assessment, Nutritional Assessment, Health Education related to disease conditions, Case studies, Project work, Field visits.

Assessment Methods & Weight age:

There are two components of assessment: Internal Assessment and End Semester Exam. Internal assessment consists of continuous mode and sessional exam. Internal assessment is of 25 marks and End semester exam is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks & End Semester Exam: 75 Marks)

Name of the Academic Program: M.Sc. Nursing

Course Code: MNP-103

Title of the Course: Child Health (Paediatric) Nursing A

L-T-P: 4-0-12

Credits: 7+10

COURSE OUTCOMES (COS)

After completing this course student will be able to:

C.O.1. Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty.

C.O. 2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.

C.O. 3. Appreciate the child as a holistic individual

C.O. 4. Perform physical, developmental, and nutritional assessment of pediatric clients

C.O.5. Apply nursing process in providing nursing care to neonates & children

C.O. 6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

C.O.7. Recognize and manage emergencies in neonates and children.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	1	2	1	1	3	2	1
CO2	2	2	1		2	1	1	2
CO3	2	1	1	2	3	2	1	3
CO4	3	1	3	1	1	3	2	1
CO5	2	1	2	1	1	2	1	3
CO6	3	1	1	1	2	2	2	2
CO7	3	2	2	2	2	1	2	2

Detailed Syllabus:

Theory : 100 hrs.

Practical hrs. 290 hrs.

Unit I

Introduction , Historical development of Pediatrics and Pediatric Nursing in India; Current status of child health in India; Trends in Pediatrics and Pediatric Nursing, Ethical and cultural issues in pediatric care , Rights of children, National health policy for children, special laws and ordinances relating to children, National goals, Five year plans, National health programs related to child health.

Unit II

Assessment of pediatric clients, History taking, Developmental assessment, Physical assessment, Nutritional assessment, Family assessment

Unit III

Meaning of hospitalization of the child, preparation for hospitalization, effects of hospitalization on the child and family, Stressors and reactions related to developmental stages, play activities for ill hospitalized child, Nursing care of hospitalized child and family principles and

Unit IV

Embryological and fetal development, Prenatal factors influencing growth and development of fetus, Genetic patterns of common pediatric disorders, chromosomal aberrations, genetic assessment and counseling legal and ethical aspects of genetic, screening and counseling role of nurse in genetic counseling, Importance of prenatal care and role of pediatric nurse.

Unit V

Principles of growth and development, Concepts and theories of growth and development, Developmental tasks and special needs from infancy to adolescence, developmental milestones, Assessment of growth and development of pediatric clients, Factors affecting growth and development.

Unit VI

Behavioral Pediatrics and Pediatric Nursing, Parent child relationship, Basic behavioral pediatric principles and specific behavioral pediatric concepts/disorders- maternal deprivation, failure to thrive, child abuse, the battered child, □ Common behavioral problems and their management, □ Child guidance clinic.

Unit VII

Preventive Pediatrics and Pediatric Nursing. Concept, aims and scope of preventive pediatrics, Maternal health and its influence on child health antenatal aspects of preventive pediatrics, Immunization, expanded program on immunization/ universal immunization program and cold chain, Nutrition and nutritional requirements of children, changing patterns of feeding, baby- friendly hospital initiative and exclusive breast feeding, Health education, nutritional education for children Nutritional programs National and international organizations related to child health, Role of pediatric nurse in the hospital and community.

Reference Books:

1. Datta. Parul Pediatric nursing. 2nd ED. Jaypee brother's medical publishers; New Delhi 2009.
2. Beevi Assuma, Text Book of Paediatric Nursing, Elsevier Saunders Mosby, 2019
3. Dorothy R Marlow, Text Book of Paediatric Nursing, edition 4th, Saunders, 2013
4. Mosby's pediatric Nursing, 6th edition 2017
5. Sharma Rimple. Essential of Paediatric Nursing, 3rd edition, Jaypee brothers, 2020

1. Teaching-Learning Strategies in brief

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

2. Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams and one improvement exam. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 30 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (4 marks), Academic activities (Average of any 3 activities e.g. Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (3 marks). End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Name of the Academic Program: M.Sc. Nursing

Course Code: MOGN-103

Title of the Course: Obstetric and Gynaecological Nursing A

L-T-P: 4-0-12

Credits: 7+10

COURSE OUTCOMES (COS)

After completing this course student 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.
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.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	1	2	3	1	2	1	2
CO3	3	2		2	1	3	1	1
CO4	3	1	3	2	1	2		1
CO5	1	2	2	2	2	3	1	3
CO6	2	3	2	1	2	2	1	1
CO7	3	1	2	2	1	1	2	2
CO8	1	2	2	2	3	2	1	1
CO9	1	2	3	2	2	1	2	1
CO10	1	2	1	3	2	2	1	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus

Theory 100 hrs.

Practical : 290 hrs.

UNIT I (Hours 10)

Introduction

- Historical and contemporary perspectives
- Epidemiological aspects of maternal and child health
- Magnitude of maternal and child health problems
- Issues of maternal and child health : Age, Gender, Sexuality, psycho Socio cultural factors Preventive obstetrics
- National health and family welfare programmes related to maternal and child health: health care delivery system- National Rural health mission, Role of NGO's
- Theories, models and approaches applied to midwifery practice Role and scope of midwifery practice: Independent Nurse midwifery practitioner
- Legal and Ethical issues: Code of ethics and standards of midwifery practice, standing orders Evidence based midwifery practice
- Research priorities in obstetric and gynaecological nursing.

Unit II (Hours 15)

Human reproduction

- Review of anatomy and physiology of human reproductive system: male and female
- Hormonal cycles
- Embryology
- Genetics, teratology and counseling
- Clinical implications

UNIT III (Hours 25)

Pregnancy

- Maternal adaptation : Physiological, psychosocial
- Assessment – Maternal and foetal measures Maternal measures: History taking , examination- General, physical and obstetrical measure, identification of high risk,
- Foetal measure- clinical parameters, biochemical- human estriol, Maternal Serum Alfa Feto Protein, Acetyl Choline esterase (AchE), Triple Test Aminocentesis, Cordocentesis, chorionic villus sampling (CVS)),
- Biophysical- (US IMAGING, Foetal movement count, Ultra Sonography, Cardiotocography, cardiotomography, Non Stress Test(NST), Contraction stress test(CST), amnioscopy, foetoscopy,
- Radiological examination,
- Interpretation of diagnostic tests and nursing implications
- Nursing management of the pregnant women, minor disorders of pregnancy and management, preparation for child birth and parenthood, importance of institutional delivery , choice of birth setting, importance and mobilizing of transportation, prenatal counseling, role of nurse and crisis intervention, identification of high risk pregnancy and refer

- □ Alternative/complementary therapies

UNIT IV Hours 25

Normal Labour and nursing management:

- □ Essential factors of labour
- □ Stages and onset First stage: Physiology of normal labour
- Use of partograph: Principles, use and critical analysis, evidence based studies □ Analgesia and anaesthesia in labour
- Nursing management Second stage
- Physiology ,intrapartum monitoring and Nursing management.
- Resuscitation , immediate newborn care and initiate breast feeding (Guidelines of National neonatology forum of India)
- Third stage , Physiology and nursing management
- Fourth stage – Observation, critical analysis and Nursing management.
- Various child birth practice: water birth, position change etc
- Evidence based practice in relation to labour intervention
- Role of nurse midwifery practitioner □ Alternative/complementary therapies

UNIT VI (Hours 20)

Normal Newborn

- □ Physiology and characteristics of normal newborn
- □ Physical and Behavioural assessment of newborn
- □ Needs of newborn
- □ Essential newborn care: Exclusive breast feeding, Immunization, Hygiene measures, Newborn nutrition
- □ Organization of neonatal care, services(Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU
- □ Observation and care of newborn
- □ Parenting process

UNIT XI (Hours 5)

Abortion

- □ Types, causes
- □ Legislations, Clinical rights and professional responsibility
- □ Abortion procedures
- □ Complications
- □ Nursing management Role of midwifery nurse practitioner

References-

- Jacob Annamma; A Comprehensive Textbook Of Midwifery and Gynecological Nursing;edition-3rd 2012;jaypee publisher; Pp- 614-615.
- Bobak, Lowdermilk, Jensen, Maternity Nursing (4th Edition), Mosby, 1983, pp 123-167.

- Shirish S Sheth, Essential of Obstetrics (1stEdition), Jaypee Brothers Medical Publishers, New Delhi, 2004, pp 102 - 107.
- Dutta D.C (2004), Textbook of Obstetrics (sixth edition), New Central Book Agency (P) LTD, Calcutta, Pp136-142,442.
- Guidelines for Antenatal Care and Skilled Attendance at Birth by ANMs/LHVs/SNs

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams . The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 25 marks.

Continuous mode evaluation is of 10 marks comprising of Attendance (4 marks), Academic activities (Average of any 3 activities e.g. Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (3 marks).

End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks).

Practical assessment

- (a) The students shall be required to maintain the observation visit reports/ other such assessments, including diary, for assessment by the teachers concerned in each case. Besides the class tests, marks will be given for day to day work and assignments in the following:
- Case presentation
 - Nursing Care plan
 - Case study
 - Seminar
 - Daily Diary
 - Return demonstrations
 - Monthly clinical evaluation
 - Maintenance of Midwifery Case book
 - Practice Practical exams.

Name of the Academic Program: M.Sc. Nursing

Course Code: MCHN-103

Title of the Course: Community Health Nursing A

L-T-P: 4-0-12

Credits: 7+10

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

(After completing this Course, the students should be able to:

CO-1. Appreciate the history and development in the field of Community Health and Community Health Nursing.

CO-2. Appreciate role of individuals and families in promoting health of the Community

CO-3. Perform physical, developmental and nutritional assessment of individuals, families and groups.

CO-4. Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.

CO-5. Apply nursing process approach while providing care to individuals, families, groups and community.

CO-6. Integrate the concepts of family centered nursing approach while providing care to the community.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	1	1	1	1	2	2
CO2	1	3	3	1	2	3	3	3
CO3	2	1	3	1	2	2	3	3
CO4	1	2	2	3	3	2	3	1
CO5	2	3	3	2	2	1	3	2
CO6	1	2	1	1	1	1	1	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus:

Theory: 100 hrs.

Practical: 290 hrs.

Unit I

Introduction

10 hours

- Historical development of Community Health and Community health Nursing- World and India, various health and family welfare committees
- Current status, trends and challenges of Community Health Nursing
- Health status of the Community-community diagnosis
- Scope of Community health Nursing practice
- Ethical and legal issues
- Socio-cultural issues in Community health Nursing
- National Policies, plans and programmes
 - National health policy
 - National Population policy
 - National Health and welfare Programmes
 - National Health goals/ indicators/ Millennium developmental goals(MDG)/ Strategies
 - Planning process: Five year plans
 - National Rural Health Mission
 - Panchayat raj institutions

Unit II

10 hours

Health

- Concepts, issues
- Determinants
- Measurements
- Alternate systems for health promotion and management of health problems
- Health economics
- Health technology
- Genetics and health
- Waste disposal
- Eco system

Unit III

15 hours

Population dynamics and control

- Demography
- Transition and theories of population
- National population policy
- National population programmes
- Population control and related programmes
- Methods of family limiting and spacing
- Research, Census, National Family Health Survey

Unit IV

30 hours

Community health Nursing

- Philosophy, Aims, Objectives, Concepts, Scope, Principles, Functions
- Community health Nursing theories and models
- Quality assurance: Community health Nursing standards, competencies, Monitoring

community health nursing, nursing audits

- Family nursing and Family centered nursing approach
- Family health nursing process
 - Family health assessment
 - Diagnosis
 - Planning
 - Intervention
 - Evaluation
- Nursing care for special groups: children, adolescents, adults, women, elderly, physically and mentally challenged- Urban and rural population at large
- Community nutrition
- Concept, role and responsibilities of community health Nurse practitioners/nurse midwifery practitioners-decision making skills, professionalism, legal issues

Unit V

35 hours

Maternal and neonatal care

- IMNCI(Integrated Management of Neonatal and Childhood Illnesses) module

References-

- GulaniKK.Community health nursing: principles and practices. 1st ed. Delhi: Kumar Publishing House; 2008.
- Stanhope M,Lancaste J. Community Health Nursing:promoting health of aggregates,families and individuals. 4th ed. St.Louis:Mosby;1996.
- Clemen-Stone, S., Eigsti, D. G., & McGuire, S. L. (1998). Comprehensive community health nursing: Family, aggregate & community practice(5th ed.). St. Louis: Mosby- Year Book Inc.
- Community health nursing: Concepts and practice(4th ed.). Philadelphia: Lippincott. Stanhop, M., & Lancaster, J.(2004).
- Community & public health nursing (6th ed.). St. Louis: Mosby Year Book. Thomas, J. C. Sage, M. Dillenberg, J. and. Guillory V. J. (2002).
 - A Code of Ethics for Public Health. American Journal of Public Health, July; 92(7): 1057– 1059.

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g., assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks.. End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Name of the Academic Program: M.Sc. Nursing

Course Code: MMHP-103

Title of the Course: Mental Health (Psychiatry) Nursing A

L-T-P: 4-0-12

Credits: 7+10

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COS)

After completing this course student will be able to:

- CO1. Appreciate the trends and issues in the field of psychiatry and psychiatric nursing.
- CO 2. Explain the dynamics of personality development and human behaviour.
- CO 3. Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing
- CO 4. Demonstrate therapeutic communications skills in all interactions
- CO 5. Establish and maintain therapeutic relationship with individual and groups
- CO 6. Uses assertive techniques in personal and professional actions
- CO 7. Promotes self-esteem of clients, others and self
- CO 8. Apply the nursing process approach in caring for patients with mental disorders
- CO 9. Describe various types of alternative system of medicines used in psychiatric settings
- CO 10. Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing .

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8
CO1	1	3	3	2	1	1	3	3
CO2	2	3	2	3	1	2	3	2
CO3	3	1	2	3	1	3	1	2
CO4	2	3	3	3	2	2	3	3
CO5	3	2	2	1	3	3	2	2
CO6	2	1	3	3	2	2	1	3
CO7	3	3	2	2	3	3	3	2
CO8	3	2	2	1	3	3	2	2
CO9	2	1	3	3	2	2	1	3
CO10	3	3	2	2	3	3	3	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

COURSE DETAILS:**Theory: 100 hrs.****Practical: 290 hrs.****UNIT 1- 15 HRS.****Introduction**

- Mental Health and Mental Illness
- Historical perspectives
- Trends, issues and magnitude
- Contemporary practices
- Mental health laws/Acts
- National mental health program -National mental health authority, state mental health authority
- Human rights of mentally ill
- Mental Health/ Mental Illness Continuum
- Classification of mental illnesses-ICD, DSM
- Standards of Psychiatric nursing
- Challenges and Scope of psychiatric nursing
- Multi-disciplinary team and role of nurse

Role of psychiatric nurse- extended and expanded

UNIT II- 10 HRS.**Concepts of Psychobiology**

- The Nervous System:
- An Anatomical Review
- The Brain and limbic system
- Nerve Tissue
- Autonomic Nervous system
- Neurotransmitters
- Neuroendocrinology
- Pituitary, Thyroid Gland
- Circadian Rhythms
- Genetics
- Neuro psychiatric disorders
- Psychoimmunology
- Normal Immune response
- Implications for psychiatric Illness
- Implications for Nursing

UNIT III- 10 HRS.

Theories of Personality Development and relevance to nursing practice

- Psychoanalytic Theory- Freud's
- Interpersonal Theory-Sullivan's
- Theory of Psychosocial Development-Erikson's
- Theory of object relations
- Cognitive Development Theory
- Theory of Moral Development
- A Nursing Model-Hildegard E.Peplau

UNIT IV-5 HRS.

Stress and its management

- An introduction to the concepts of stress
- Psychological Adaptation to stress
- Stress as a Biological Response.
- Stress as an Environmental Event.

- Stress as Transaction between the Individual and the Environment.
- Stress management.

UNIT V-10 HRS.

Therapeutic communication and interpersonal relationship

- Review communication process, factors affecting communication
- Communication with individuals and in groups
- Techniques of therapeutic communication-touch therapy
- Barrier of communication with specific reference to psychopathology
- Therapeutic attitudes
- Dynamics of a therapeutic Nurse-client relationship; Therapeutic use of self Gaining self-awareness
- Therapeutic nurse-patient relationship its phases ; Conditions essential to development of a therapeutic relationship
- Therapeutic impasse and its management

UNIT VI-10 HRS.

Assertive Training

- Assertive Communication
- Basic Human Rights
- Response Patterns
- (Nonassertive Behavior
- Assertive Behavior
- Aggressive Behavior
- Passive-Aggressive Behavior)
- Behavioral Components of Assertive Behavior
- Techniques that Promote Assertive Behavior
- Thought-Stopping Techniques Method

Role of The Nurse

UNIT VII-10 HRS.

Promoting Self-Esteem

- Components of Self-Concept
- The Development of Self-Esteem
- The Manifestations of Low-Self-Esteem
- Boundaries

Role of The Nurse

UNIT VIII-10 HRS.

The nursing process in psychiatric/mental health nursing

- Mental health assessment- History taking, mental status examination
- Physical and neurological examination

- Psychometric assessment
- Investigations, Diagnosis and Differential diagnosis
- Interpretation of investigations
- Nurse's role
- Nursing case management
- Critical pathways of care
- Documentation
- Problem-oriented recording
- Focus charting
- The PIE method

UNIT IX-5 HRS.

Electroconvulsive Therapy

- Historical Perspectives
- Indications
- Contraindications
- Mechanisms of Action
- Side Effects
- Risks Associated with Electroconvulsive Therapy
- The Role of The Nurse in Electroconvulsive Therapy

UNIT X-10 HRS.

Alternative systems of medicine in mental health

- Types of Therapies
- Herbal Medicine
- Unani
- Siddha
- Homeopathic
- Acupressure and Acupuncture
- Diet and Nutrition
- Chiropractic Medicine
- Therapeutic Touch and Massage
- Yoga
- Pet Therapy

References

- 1) Sturt G.W. and Laraia M.T; Principal and practice of psychiatry Nursing. Elsevier Publication.
- 2) Townsend.M.C; Psychiatric Mental Health Nursing: concept of care. F.A.Davis company publishers, Philadelphia.
- 3) Vyas J.N. Ahuja.N; Text book of post graduate psychiatry .Jaypee publication.
- 4) Johnson .B.S.; Adaption and growth psychiatric mental health nursing.

5) Teaching-Learning Strategies in brief

- 6) The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

- 7) There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g. assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks.. End semester exams is of 75 marks.
- 8) Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

SEMESTER II

Semester-II

Name of the Academic Program: M.Sc. Nursing
Course Code: MN-201
Title of the Course: Nursing Research & Statistics
L-T-P: 8-0-5 Credits: 10+3
LTP: (L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COS)

After completing this course student will be able to:

Nursing Research:

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

Statistics:

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

MAPPING OF COURSE OUTCOMES (COs) WITH PROGRAM OUTCOMES (POs)

Nursing Research

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	2	3	1	1	1	1	1
CO 2	2	2	2	3	2	1	2	2
CO 3	1	1	3	2	3	2	2	2

CO 4	1	2	2	2	3	2	1	3
CO 5	1	3	3	1	1	1	3	1
CO 6	1	3	3	1	1	2	2	1
CO 7	1	2	2	2	1	2	2	3
CO 8	1	1	1	1	1	2	2	1
CO 9	2	2	1	1	2	2	2	3

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

MAPPING OF COURSE OUTCOMES (CLOs) WITH PROGRAM OUTCOMES (PLOs)

Statistics

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8
CLO 1	3	2	1	2	2	1	2	2
CLO 2	1	1	1	1	2	2	3	3
CLO 3	3	2	2	3	2	3	2	3
CLO 4	2	3	2	2	3	3	2	2
CLO 5	1	2	3	1	3	2	2	2
CLO 6	3	1	2	2	2	1	2	1
CLO 7	2	1	1	1	3	1	3	1

Detailed Syllabus:

Nursing Research

Theory: 150 hrs.

Practical: 100 hrs.

UNIT I

10Hrs

Introduction:

- Methods of acquiring knowledge – problem solving and scientific method.
- Research – Definition, characteristics, purposes, kinds of research
- Historical Evolution of research in nursing
- Basic research terms
- Scope of nursing research: areas, problems in nursing, health and social research
- Concept of evidence based practice
- Ethics in research
- Overview of Research process

UNIT II

5Hrs

Review of Literature

- Importance, purposes, sources, criteria for selection of resources and steps in reviewing literature.

UNIT III

12Hrs

Research Approaches and designs

- Type: Quantitative and Qualitative
- Historical, survey and experimental –Characteristics, types advantages and disadvantages
- Qualitative: Phenomenology, grounded theory, ethnography

UNIT IV

10Hrs

Research problem:

- Identification of research problem
- Formulation of problem statement and research objectives
- Definition of terms
- Assumptions and delimitations
- Identification of variables
- Hypothesis – definition, formulation and types.

UNIT V**5Hrs****Developing theoretical/conceptual framework.**

- Theories: Nature, characteristics, Purpose and uses
- Using, testing and developing conceptual framework, models and theories

UNIT VI**6Hrs****Sampling**

- Population and sample
- Factors influencing sampling
- Sampling techniques
- Sample size
- Probability and sampling error
- Problems of sampling

UNIT VII**20Hrs****Tools and methods of Data collection:**

- Concepts of data collection
- Data sources, methods/techniques quantitative and qualitative.
- Tools for data collection – types, characteristics and their development
- Validity and reliability of tools
- Procedure for data collection

UNIT VIII**5Hrs****Implementing research plan**

- Pilot Study, review research plan (design)., planning for data collection, administration of tool/interventions, collection of data

UNIT IX**10Hrs****Analysis and interpretation of data**

- Plan for data analysis: quantitative and qualitative
- Preparing data for computer analysis and presentation.
- Statistical analysis
- Interpretation of data
- Conclusion and generalizations
- Summary and discussion

UNIT X **10Hrs**

Reporting and utilizing research findings:

- Communication of research results; oral and written
- Writing research report purposes, methods and style vancouver, American Psychological Association(APA), Campbell etc
- Writing scientific articles for publication: purposes & style

UNIT XI **3Hrs**

Critical analysis of research reports and articles

UNIT XII **7Hrs**

Developing and presenting a research proposal

Reference Books:

1. Polit DF, Beck CT. Essentials of Nursing Research. 7th edition. Philadelphia: Lippincott; 2009.
2. Sharma SK. Nursing Research and Statistics.3rd edition. Haryana(India):Elsevier;2020
3. Kerlinger NF. Foundation of behavioural research, 2nd edition. New Delhi: Surjeet Publications; 2018

Theory

Teaching-Learning Strategies:

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A; session. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. Attendance and academic activities are computed for internal assessment. Sessional exam is conducted for 40 marks. Continuous mode evaluation comprising of Attendance, Academic activities (e.g., Quiz, assignment, class test, group discussion and seminar)). End semester exams of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Statistics

UNIT I **7Hrs**

Introduction:

- Concepts, types, significance and scope of statistics, meaning of data,
- sample, parameter
- type and levels of data and their measurement
- Organization and presentation of data – Tabulation of data;
- Frequency distribution
- Graphical and tabular presentations.

UNIT II **4Hrs**

Measures of central tendency:

- Mean, Median, Mode

UNIT III	4Hrs
Measures of variability;	
□ Range, Percentiles, average deviation, quartile deviation, standard deviation	
UNIT IV	3Hrs
Normal Distribution:	
□ Probability, characteristics and application of normal probability curve; sampling error.	
UNIT V	6Hrs
Measures of relationship:	
□ Correlation – need and meaning	
□ Rank order correlation;	
□ Scatter diagram method	
□ Product moment correlation	
□ Simple linear regression analysis and prediction.	
UNIT VI	5Hrs
Designs and meaning:	
□ Experimental designs	
□ Comparison in pairs, randomized block design, Latin squares.	
UNIT VII	8Hrs
Significance of Statistic and Significance of difference between two Statistics (Testing hypothesis)	
□ Non parametric test – Chi-square test, Sign, median test, Mann Whitney test.	
□ Parametric test – ‘t’ test, ANOVA, MANOVA, ANCOVA	
UNIT VIII	5Hrs
Use of statistical methods in psychology and education:	
□ Scaling – Z Score, Z Scaling	
□ Standard Score and T Score	
□ Reliability of test Scores: test-retest method, parallel forms, split half method.	
UNIT IX	4 Hrs
Application of statistics in health:	
□ Ratios, Rates, Trends	
□ Vital health statistics – Birth and death rates.	
□ Measures related to fertility, morbidity and mortality	
UNIT X	4Hrs
Use of Computers for data analysis	
□ Use of statistical package.	

Reference Books:

1. Rajesh Kumar Rajesh. Nursing Research & Statistics: II edition, Jaypee Brothers Medical Publishers, 2019
2. Sharma Suresh. Nursing Research and Statistics: 2nd edition, Elsevier India, 2014

Theory

Teaching-Learning Strategies:

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A; session. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. Attendance and academic activities are computed for internal assessment. Sessional exam is conducted for 40 marks. Continuous mode evaluation comprising of Attendance, academic activities (e.g., Quiz, assignment, class test, group discussion and seminar)). End semester exam is of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Name of the Academic Program: M.Sc. Nursing
Course Code: MMS-202
Title of the Course: Medical Surgical Nursing B
L-T-P 3-0-19 Credits: 3+12
(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COS)

After completing this course student will be able to:

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

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8
CO1	2	2	2	2	3	2	1	2
CO2	2	1	3	1	2	2	1	3
CO3	2	1	2	3	2	1	1	2
CO4	2	3	2	1	2	2	3	2
CO5	3	2	2	1	2	1	2	1
CO6	2	1	2	2	1	2	1	2
CO7	2	2	3	2	3	2	1	2
CO8	2	1	2	2	3	2	1	2
CO9	2	3	2	1	2	2	3	1
CO10	3	3	1	2	3	2	3	2
CO11	2	1	3	1	2	1	1	3
CO12	1	1	1	3	1	2	1	2
CO13	2	3	2	2	2	3	1	2
CO14	2	2	2	1	2	1	2	1

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus:

Theory: 50 hrs.

Practical: 360 hrs.

Unit XI- 10 hours

Management of patients with disorders of musculo-skeletal system

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit XII- 8 hours

Management of patients with disorders of integumentary system

- Review of anatomy and physiology.
- Common Disorders- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit-XIII: 5 Hours

Management of patients with disorders of Eye and ENT

- Review of anatomy and physiology.
- Common Disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit XV: 8 Hours

Geriatric nursing

- Nursing Assessment-History and Physical assessment.
- Ageing;
- Demography; Myths and realities.
- Concepts and theories of ageing.
- Cognitive Aspects of Ageing.
- Normal biological ageing.

- Age related body systems changes.
- Psychosocial Aspects of Aging.
- Medications and elderly.
- Stress & coping in older adults.
- Common Health Problems & Nursing Management;
- Psychosocial and Sexual.
- Abuse of elderly.
- Role of nurse for care of elderly: ambulation, nutritional, communicational, psychosocial and spiritual.
- Role of nurse for caregivers of elderly.
- Role of family and formal and non formal caregivers.
- Use of aids and prosthesis (hearing aids, dentures,
- Legal & Ethical Issues.
- Provisions and Programmes for elderly; privileges, Community Programs and health services;
- Home and institutional care.
- Issues, problems and trends.

Unit XVI: 8 Hours

Management of patients with communicable and sexually transmitted diseases:

- Review of immune system.
- Common Disorders of immune system – HIV/AIDS.
- Review of infectious disease process.
- Communicable Diseases- etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

Unit- XVII: 8 Hours

Emergency, trauma and multi-system organ failure

- DIC (disseminated intravascular coagulation)
- Trauma, burns, poisoning
- Etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

3. Teaching-Learning Strategies in brief

4. The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, question and answer session and reflective learning.

5. Assessment methods and weightages in brief

6. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and Sessional exams. There are two Sessional exams and one improvement exam. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (5 marks), Academic activities (Average of any 3 activities e.g. Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (2 marks). An end semester exam is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Practical

Teaching- Learning Strategies

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and clinical assignments (health talk, case studies, case presentations, family visits, group project, reports etc) are included. End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: 100 Marks and End Semester Examination: 100 Marks).

Name of the Academic Program: M.Sc. Nursing

Course Code: MCHN-202

Title of the Course: Community Health Nursing B

L-T-P 3-0-19 Credits: 3+12

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this Course, the students should be able to:

CO-1. Recognize and participate in the management of emergencies, epidemics and disasters.

CO-2. Apply recent technologies and care modalities while delivering community health nursing care.

CO-3. Appreciate legal and ethical issues pertaining to community health nursing care.

CO-4. Conduct community health nursing care projects.

CO-5. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.

CO-6. Incorporate evidence based nursing practice and identify the areas of research in the community settings.

CO-7. Participate effectively as a member of Community Health team.

CO-8. Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.

CO-9. Teach community health nursing to undergraduates, in-service nurses and the community health workers.

CO-10. **Demonstrate leadership and managerial abilities in community health nursing practice**

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	2	3	1	2	1	2	1
CO2	1	3	3	1	2	1	2	1
CO3	1	3	3	3	2	1	1	1
CO4	1	3	3	3	2	1	1	2
CO5	1	2	1	2	2	1	1	2
CO6	1	3	3	2	2	1	1	2
CO7	1	2	1	1	2	1	3	3
CO8	2	1	1	1	2	2	3	3
CO9	3	2	1	3	2	2	2	3
CO 10	2	3	1	3	2	2	2	3

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus

Theory: 50 hrs.

Practical: 360 hrs.

Unit I

10 hours

Skilled Birth Attendant (SBA) module

Unit II

15 hours

Disaster nursing (INC module on Reaching out: Nursing Care in emergencies)

Unit III

10 hours

Information, education and communication

- IEC/BCC: Principles and strategies
- Communication Skills
- Management information and evaluation system: Records and reports
- Information technology
- Tele-medicine and tele-nursing
- Journalism
- Mass media
- Folk media

Unit IV

15 hours

Health care delivery system: Urban, rural, tribal and difficult areas

- **Health organization:** National, State, District, CHC, PHC, Sub Centre, Village - Functions, Staffing, pattern of assistance, layout, drugs, equipments and supplies, Roles

and Responsibilities of DPHNO

- **Critical review of functioning** of various levels, evaluation studies, recommendations and nursing perspectives
- **Alternative systems of medicine**
- **Training and supervision of health workers**
- **Health agencies:** NGO's, Roles and functions
- **Inter-sectoral coordination**
- **Public private partnership**
- **Challenges of health care delivery system**

References-

- Gulani K K. Community health nursing: principles and practices. 1st ed. Delhi: Kumar Publishing House; 2008.
- Stanhope M, Lancaster J. Community Health Nursing: promoting health of aggregates, families and individuals. 4th ed. St.Louis: Mosby; 1996.
- Clemen-Stone, S., Eigsti, D. G., & McGuire, S. L. (1998). Comprehensive community health nursing: Family, aggregate & community practice(5th ed.). St. Louis: Mosby- Year Book Inc.
- Community health nursing: Concepts and practice(4th ed.). Philadelphia: Lippincott. Stanhop, M., & Lancaster, J.(2004).
- Community & public health nursing (6th ed.). St. Louis: Mosby Year Book. Thomas, J. C. Sage, M. Dillenberg, J. and. Guillory V. J. (2002).
 - A Code of Ethics for Public Health. American Journal of Public Health, July; 92(7): 1057– 1059.

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Clinical postings in various community health settings, field visits, health camps, awareness camp, demonstrations of family health care

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g., assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks. End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks). Practical evaluation is done by continuous observation, submission of assignments, return demonstrations and end of the semester practical examination. The internal evaluation and external evaluation are comprised of 50 marks each.

Practical

Teaching- Learning Strategies

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and clinical assignments (health talk, case studies, case presentations, family visits, group project, reports etc) are included. End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: 100 Marks and End Semester Examination: 100 Marks).

Name of the Academic Program: M.Sc. Nursing

Course Code: MNP 202

Title of the Course: Child Health (Paediatric) Nursing B

L-T-P 3-0-19 Credits: 3+12

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this Course, the students should be able to:

C.O. 1: Apply the concepts of growth and development in providing care to the pediatric clients and their families.

C.O. 2: Appreciate the child as a holistic individual

C.O. 3: Perform physical, developmental, and nutritional assessment of pediatric clients

C.O.4: Apply nursing process in providing nursing care to neonates & children

C.O. 5: Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

C.O.6: Recognize and manage emergencies in neonates and Children.

C.O.7: Describe various recent technologies and treatment modalities in the management of high risk neonates

C.O.8: Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing

C.O.9: Prepare a design for layout and management of neonatal units

C.O.10: Incorporate evidence based nursing practice and identifies the areas of research in the field of pediatric/neonatal nursing

C.O.11: Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team

C.O.12: Teach pediatric nursing to undergraduate students & in-service nurses

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	2	2	2	2	2
CO2	2	2	2	2	2	2	2	2
CO3	3	2	3	2	2	2	2	2
CO4	2	2	2	2	2	2	2	2
CO5	3	2	2	2	2	2	2	2
CO6	3	2	2	2	2	1	2	2

CO7	3	2	3	3	2	2	2	2
CO8	3	3	2	3	2	3	3	2
CO9	3	3	2	3	2	3	3	2
CO10	3	3	3	2	3	3	3	3
CO11	3	3	3	3	2	3	3	2
CO12	3	3	2	3	2	3	3	3

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus:

Theory: 50 hrs.

Practical: 360 hrs.

Unit VIII

Neonatal Nursing

- Newborn baby-profile and characteristics of the newborn,
- Assessment of the newborn,
- Nursing care of the newborn at birth, care of the newborn
And family
- High risk newborn-preterm and term neonate and growth retarded babies,
- Identification and classification of neonates with infections,
HIV & AIDS, Ophthalmia neonatorum, congenital syphilis.
- High risk new born- Identification, classification and nursing management
- Organization of neonatal care, services(Levels), transport,
neonatal intensive care unit, organization and management of nursing services
in NICU.

Unit IX

IMNCI

(Integrated management of neonatal and childhood illnesses)

Reference Books

1. Baldwin Gregory ,A. Handbook of Pediatric Emergencies, 2nd edition,2011
2. Berk Laura E, Child Development, 3rd edition, 1999.
3. Beevi Assuma, Text Book of Pediatric Nursing, Elsevier Saunders Mosby, 2019.
4. Bee Helen and Boyd Denise, The Developing Child, 10th edition,2010
5. Blumer Jeffrey L,Pediatric Intensive Care,3rd edition, 1990
6. Datta. Parul, Pediatric Nursing, 3rd edition, Japee Brother’s Medical Publishers, New Delhi 2009.

7. Dorothy R Marlow, Text Book of Pediatric Nursing, edition 4th, 2013
8. Ghai OP, Essential Pediatrics, 7th edition, 2008
9. Katch Janathan B, Maternal and Child Health, 2nd edition, 2016
10. Mosby's, Pediatric Nursing, 6th edition 2017.
11. Sharma Rimple, Essential of Pediatric Nursing, 3rd edition, Jaypee Brothers, 2020
12. Singh Meharban, Care of The Newborn 3rd edition, 1988
13. Wong's, Essential of Pediatric Nursing 8th edition, 2010

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, question and answer session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and Sessional exams. There are two Sessional exams and one improvement exam. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (5 marks), Academic activities (Average of any 3 activities e.g. Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (2 marks). An end semester exam is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Practical

Teaching- Learning Strategies

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and clinical assignments (health talk, case studies, case presentations, family visits, group project, reports etc) are included. End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: 100 Marks and End Semester Examination: 100 Marks).

Name of the Academic Program: M.Sc. Nursing
Course Code: MOGN 202
Title of the Course: Obstetric and Gynaecological Nursing B
L-T-P 3-0-19 Credits: 3+12
(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

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

- CO-1. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
- CO-2. Provide comprehensive nursing care to women during reproductive period and newborns.
- CO-3. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.
- CO-4. Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing.
- CO-5. Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing.
- CO-6. Describe the recent advancement in contraceptive technology and birth control measures
- CO-7. Appreciate the legal and ethical issues pertaining to obstetric and gynecological nursing

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	1	1	1	1	2
CO2	1	3	3	2	1	1	2	1
CO3	1	2	2	2	2	3	2	1
CO4	2	3	2	1	2	1	3	1
CO5	2	1	3	1	3	1	2	1
CO6	2	2	1	3	1	3	2	1
CO7	2	2	1	1	2	1	3	1

Each Course Outcome (CO) may be mapped with one or more Program Outcomes (POs). Write ‘3’ in the box for ‘High-level’ mapping, 2 for ‘Medium-level’ mapping, 1 for ‘Low’-level’ mapping.

Detailed Syllabus:

Theory: 50 hrs.

Practical: 360 hrs.

Unit- 5 (20 hours)

Normal puerperium and nursing management

- Physiology of puerperium
- Physiology of lactation, lactation management, exclusive breast feeding, Baby friendly hospital initiative (BFHI)
- Assessment of postnatal women.
- Minor discomforts and complications of puerperium
- Management of mothers during puerperium: Postnatal exercises Rooming in, bonding, warm chain
- Evidence based studies

Role of nurse midwifery practitioner

Alternative/complementary therapies

Unit -7 (10 hours)

Pharmacodynamics in obstetrics

- Drugs used in pregnancy, labour, post partum and newborn
- Calculation of drug dose and administration
- Effects of drugs used
- Anaesthesia and analgesia in obstetrics
- Roles and responsibilities of midwifery nurse practitioner
- Standing orders and protocols and use of selected life saving drugs and interventions of obstetric emergencies approved by the MOHFW

Unit-8 (10 hours)

Family welfare services

- Population dynamics
- Demography trends: vital statistics, calculation of indicators especially maternal and neonatal mortality rates and problems and other health problems
- Recent advancement in contraceptive technology
- Role of nurses in family welfare programmes in all settings
- Role of independent nurse midwifery practitioner
- Family life education
- Evidence based studies
- Information, Education and Communication(IEC)
- Management information and evaluation system(MIES)
- Teaching and supervision of health team members

Unit- 9 (5 hours)

Infertility

- Primary and secondary causes
- Diagnostic procedures
- Counseling: ethical and legal aspects of assisted reproductive technology (ART)

- Recent advancement in infertility management.
- Adoption procedures
- Role of nurses in infertility management.

Unit -10 (5 hours)

Menopause

- Physiological, psychological and social aspects
- Hormone Replacement Therapy
- Surgical menopause
- Counseling and guidance
- Role of midwifery nurse practitioner

References-

- Jacob Annamma; A Comprehensive Textbook Of Midwifery and Gynecological Nursing; edition-3rd 2012; Jaypee publisher.
- Bobak, Lowdermilk, Jensen, Maternity Nursing (4th Edition), Mosby, 1983, pp 123-167.
- Shirish S Sheth, Essential of Obstetrics (1stEdition), Jaypee Brothers Medical Publishers, New Delhi, 2004, pp 102 - 107.
- Dutta D.C (2004), Textbook of Obstetrics (sixth edition), New Central Book Agency (P) LTD, Calcutta,.
- Guidelines for Antenatal Care and Skilled Attendance at Birth by ANMs/LHVs/SNs

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams . The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 25 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (4 marks), Academic activities (Average of any 3 activities e.g. Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (3 marks). End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Practical assessment

The students shall be required to maintain the observation visit reports/ other such assessments, including diary, for assessment by the teachers concerned in each case. Besides the class tests, marks will be given for day to day work and assignments in the following:

- (a) Case presentation
- (b) Nursing Care plan
- (c) Case study
- (d) Seminar
- (e) Daily Diary
- (f) Return demonstrations
- (g) Monthly clinical evaluation
- (h) Maintenance of Midwifery Case book
- (i) Practice Practical exams.

Name of the Academic Program: M.Sc. Nursing
Course Code: MMHP-202
Title of the Course: Mental Health (Psychiatry) Nursing B

L-T-P 3-0-19 Credits: 3+12
(L=Lecture hours, T=Tutorial hours, P=Practical hours)

CO 1. Describe the psychopharmacological agents, their effects and nurses role

CO 2. Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team

CO 3. Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8
CO1	1	3	3	2	1	1	3	3
CO2	2	3	2	3	1	2	3	2
CO3	3	1	2	3	1	3	1	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

DETAILED SYLLABUS:

Theory: 50 hrs.

Practical: 360 hrs.

UNIT I- 35 HRS.

Psycho social and physical therapies

- Individual therapy
- Behavioural Therapy- Relaxation therapy, cognitive therapy, positive- negative reinforcement, bio-feedback, guided imagery, ab-reactive therapy
- Group Therapy
- Family Therapy
- Milieu Therapy
- The Therapeutic Community
- Occupational therapy
- Recreational therapy
- Play therapy
- Music therapy
- Light therapy
- Color therapy
- Aroma therapy

UNIT II- 10 HRS.

Psychopharmacology

- Historical Perspectives
- Role of a Nurse in Psychopharmacological Therapy
- Antianxiety Agents
- Antidepressants Agents
- Mood stabilizers
- Antipsychotics
- Sedative-Hypnotics
- Central Nervous System Stimulants
- Future developments

UNIT III-5 HRS.

Women and Mental Health

Normal reaction to conception, pregnancy and puerperium

- Problems related to conception, pregnancy and puerperium and its management.
- Counselling – Premarital, marital and genetic

References

- 1) Sturt G.W. and Laraia M.T; Principal and practice of psychiatry Nursing. Elsevier Publication.
- 2) Townsend.M.C; Psychiatric Mental Health Nursing: concept of care. F.A.Davis company publishers, Philadelphia.
- 3) Vyas J.N. Ahuja.N; Text book of post graduate psychiatry .Jaypee publication.
- 4) Johnson .B.S.; Adaption and growth psychiatric mental health nursing.

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g., assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks.. End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks

Practical

Teaching- Learning Strategies

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and clinical assignments (health talk, case studies, case presentations, care plans, group project, reports etc) are included. End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: 100 Marks and End Semester Examination: 100 Marks).

Name of the Academic Program: M.Sc. Nursing

Course code: MN 203

Title of the Course: Nursing Education

L-T-P: 3-0-3

Credits: 3+2

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this Course, the students should be able to;

CO-1: Critically analyze the existing teacher preparation programs in nursing.

CO-2: Explain the concept, principles, steps, tools and techniques of evaluation.

CO-3: Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude.

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	3	2	1	3	1	1	1
CO2	2	1	1	1	1	1	1	2
CO3	1	1	1	1	1	1	1	3

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

DETAILED SYLLABUS:

Theory Hours: 50

Practical Hours: 50

Unit I: 10 hrs.

Measurement and evaluation:

- Concept and nature of measurement and evaluation, meaning, process, purposes, problems in evaluation and measurement.
- Principles of assessment, formative and summative assessment- internal assessment external examination, advantages and disadvantages.
- Criterion and norm referenced evaluation

Unit II: 12 hrs.

Standardized and non-standardized tests:

- Meaning, characteristics, objectivity, validity, reliability, usability, norms, construction of tests-
 - ✓ Essay, short answer questions and multiple choice questions.
 - ✓ Rating scales, checklist, OSCE/OSPE(Objective structured clinical/practical examination)
 - ✓ Differential scales, and summated scales, sociometry, anecdotal record, attitude scale, critical incident technique
- Question bank-preparation, validation, moderation by panel, utilization
- Developing a system for maintaining confidentiality.

Unit III: 8 hrs.

Administration, Scoring and Reporting

- Administering a test; scoring, grading versus marks
- Objective tests, scoring essay test, methods of scoring, Item analysis.

Unit IV: 12

Standardized Tools

- Tests of intelligence aptitude, interest, personality, achievement, socio-economic status scale, tests for special mental and physical abilities and disabilities.

Unit V: 8

Teacher preparation

- Teacher – roles & responsibilities, functions, characteristics, competencies, qualities,
- Preparation of professional teacher
- Organizing professional aspects of teacher preparation programs
- Evaluation: self and peer
- Critical analysis of various programs of teacher education in India.

Theory

Teaching-Learning Strategies:

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A; session. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. Attendance and academic activities are computed for internal assessment. Sessional exam is conducted for 40 marks. Continuous mode evaluation comprising of Attendance, Academic activities (e.g., Quiz, assignment, class test, group discussion and seminar).End semester examsis of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75Marks)

Practical

Teaching- Learning Strategies:

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and Audio-visual aids file, Undergraduate teachings, Peer- group teachings, Tool preparation, Field visits, case studies, Panel discussion, workshop etc.) are included. End semester exams is of 50 marks. Total Marks are 100 for the subject (Internal Assessment: 50 Marks and End Semester Examination: 50 Marks).

Reference Books:

- Sodhi Jaspreet Kaur, Comprehensive Textbook of Nursing Education
- KP Neerja, Textbook of Nursing Education
- BT Basvanthappa, Nursing Education

SEMESTER III

Name of the Academic Program: MSc. Nursing

Course Code: MMS 302 Title of the Course: Medical Surgical Nursing A

L-T-P: 4-0-23

Credits: 7+18

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OBJECTIVES

CO1. Appreciate trends and issues related to cardio vascular and thoracic Nursing.

CO 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions

CO 3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions

CO 4. Perform physical, psychosocial & spiritual assessment

CO 5. Assist in various diagnostic, therapeutic and surgical procedures

CO 6. Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions

CO 7. Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support.

CO 8. Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility

CO 9. Demonstrate skill in handling various equipments/gadgets used for critical care of cardio vascular and thoracic patients

MAPPING OF COURSE OUTCOMES (COs) WITH PROGRAM OUTCOMES (POs)

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8
CO 1	2	1	1	1	1	1	3	1
CO 2	1		3	2	2	2	1	2
CO 3	2	1	1	1	1	2	2	1
CO 4	1	2	1	2	2	1	1	1
CO 5	1	2	2	1	1	1	2	2
CO 6	1	2	1	2	2	1	2	2
CO 7	2	2	2	2	3	3	3	3
CO 8	1	1	1	3	1	3	2	2
CO 9	1	2	2	2	1	1	2	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

COURSE DETAILS:

Theory: 100 hrs.

Practical: 550 hrs.

UNIT 1

5Hrs

Introduction

- Historical development, trends and issues in the field of cardiology.
- Cardiovascular and thoracic conditions—major health problem.
- Concepts, principles and nursing perspectives
- Ethical and legal issues
- Evidence based nursing and its application in cardiovascular and thoracic nursing (to be incorporated in all the units)

UNIT II

5 Hrs

Epidemiology

- Risk factors: hereditary, psychosocial factors, hypertension, Smoking, obesity, diabetes mellitus etc
- Health promotion, disease prevention, Lifestyle modification
- National health programs related to cardiovascular and thoracic conditions
- Alternate system of medicine
- Complementary therapies

UNIT III

5 Hrs

Review of anatomy and physiology of cardio vascular and Respiratory system

- Review of anatomy and physiology of heart, lung, thoracic cavity and blood vessels. Embryology of heart and lung.
- Coronary circulation
- Hemodynamics and electrophysiology of heart.
- Bio-chemistry of blood in relation to cardio pulmonary function.

UNIT IV

20Hrs

Assessment and Diagnostic Measures:

- History taking
- Physical assessment
 - Heart rate variability: Mechanisms, measurements, pattern, factors, impact of interventions on HRV
- Diagnostic tests

Hemodynamic-monitoring: Technical aspects, monitoring, functional hemodynamic indices, ventricular function indices.

Output measurements (Arterial and swan Ganz monitoring).

Blood gases and its significance, oxygen supply and demand

- Radiologic examination of the chest: interpretation, chest film findings
 - Electrocardiography(ECG):electrical conduction through the heart, basic electrocardiography, 12 lead electro-cardiogram, axis determination
- ECG changes in: intra ventricular conduction abnormalities-Arrhythmias, ischemia,

injury and infarction, atrial and ventricular enlargement, electrolyte imbalance,

- Echocardiography: technical aspects , special techniques, echocardiography of cardiac structures in health and disease, newer techniques
 - Nuclear and other imaging studies of the heart: Magnetic Resonance Imaging.
 - Cardio electrophysiology procedures: diagnostic studies, interventional and catheter ablation, nursing care
 - Exercise testing: indications and objectives, safety and personnel, pretest considerations, selection, interpretation, test termination, recovery period
 - Cardiac catheterization: indications, contraindications, patient preparation, procedure, interpretation of data
 - Pulmonary function test: Bronchoscopy and graphics
 - Interpretation of diagnostic measures
 - Nurse's role in diagnostic tests
- 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.
- Interpretation and role of nurse

UNIT V

25

Hrs

Cardiac disorders and nursing management:

- Etiology, clinical manifestations, diagnosis, prognosis, related Pathophysiology, treatment modalities and nursing management of:
- Hypertension
 - Coronary Artery Disease.
 - Angina of various types.
 - Cardiomegaly
 - Myocardial Infarction, Congestive cardiac failure
 - Heart Failure, Pulmonary Edema, Shock.
 - Rheumatic heart disease and other Valvular Diseases
 - Inflammatory Heart Diseases, Infective Endocarditis, Myocarditis, Pericarditis.
 - Cardiomyopathy, dilated, restrictive, hypertrophic.
 - Arrhythmias, heart block

Associated illnesses.

UNIT VI

10Hrs

Altered pulmonary conditions

- Etiology, clinical manifestations, diagnosis, prognosis related pathophysiology, treatment modalities and nursing management of:
- Bronchitis
 - Bronchial asthma
 - Bronchiectasis
 - Pneumonias
 - Lung abscess, lung tumour
 - Pulmonary tuberculosis, fibrosis, pneumoconiosis etc
 - Pleuritis, effusion

- Pneumo, haemo and pyothorax
- Interstitial Lung Disease
- Cystic fibrosis
- Acute and Chronic obstructive pulmonary disease(conditions leading to)
- Cor pulmonale
- Acute respiratory failure
- Adult respiratory distress syndrome
- Pulmonary embolism
- Pulmonary Hypertension

UNIT VII

10Hrs

Vascular disorders and nursing management

- Etiology, clinical manifestations, diagnosis, prognosis, related pathophysiology, treatment modalities and nursing management of:
 - Disorders of arteries
 - Disorders of the aorta
 - Aortic Aneurysms,
 - Aortic dissection
 - Raynaud's phenomenon
 - Peripheral arterial disease of the lower extremities
 - Venous thrombosis
 - Varicose veins
 - Chronic venous insufficiency and venous leg ulcers
 - Pulmonary embolism

UNIT VIII

10Hrs

Cardiothoracic emergency interventions

- CPR-BLS and ALS
- Use of ventilator, defibrillator, pacemaker
- Post resuscitation care.
- Care of the critically ill patients
- Psychosocial and spiritual aspects of care
- Stress management; ICU psychosis
- Role of nurse.

UNIT IX

10Hrs

Nursing care of a patient with obstructive airway

- Assessment
- Use of artificial airway
- Endo-tracheal intubation, tracheostomy and its care
- Complication, minimum cuff leak, securing tubes

Oxygen delivery systems.

- Nasal Cannula
- Oxygen mask, Venturi mask
- Partial rebreathing bag
- Bi-PAP and C-PAP masks
- Uses, advantages, disadvantages, nursing implications of each.

Mechanical Ventilation

- Principles of mechanical ventilation
- Types of mechanical ventilation and ventilators.
- Modes of ventilation, advantage, disadvantage, complications.
- PEEP therapy, indications, physiology, and complications. Weaning off the ventilator.
- Nursing assessment and interventions of ventilated patient

REFERENCE BOOKS

- Hinkle L. Janice. Cheever H. Kerry. Brunner & Suddharth's textbook of medical surgical nursing. 13th edition. Vol.1. New Delhi, Wolters Kluwer publications; 2015.
- Chintamani. Lewis's medical surgical nursing. New Delhi, Elsevier publications; 2013.
- Black M. Joyce. Hawks Hokanson Jane. Medical surgical nursing. 8th edition. Vol.2. New Delhi, Elsevier publication; 2015.
- Nettina. M. Sandra. Lippincott manual of nursing practice. 10th edition. New Delhi, Wolters Kluwer publishers; 2014.
- Brunner and Suddharth's. textbook of medical and surgical nursing. 13th edition Vol. I. New Delhi: Reed Elsevier India Pvt. Ltd.; 2014

Theory

- **Teaching-Learning Strategies :**
- The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning. Assessment methods and weightages. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (5 marks), Academic activities (Average of any 3 activities e.g., Quiz, assignment, open book test, field work, group discussion and seminar) (5 marks). End semester exams is of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks) .

Name of the Academic Program : M. Sc. Nursing

Course Code: MNP 302

Title of the Course: Child Health Nursing (Pediatrics) A

L-T-P= 4-0-23 Credits: 7 +18

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this Course, the students should be able to

CO-1. Apply the nursing process in the care of ill infants to pre adolescents in hospital and community.

CO-2. Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems.

CO-3. Recognize and manage emergencies in children.

CO-4. Provide nursing care to critically ill children.

CO-5. Utilize the recent technology and various treatment modalities in the management of high risk children.

CO-6. Prepare a design for layout and describe standards for management of pediatric units/hospitals.

CO-7. Identify areas of research in the field of pediatric nursing.

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Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	2	1	1	2	1
CO2	2	3	2	1	2	1	1	1
CO3	2	2	3	1	1	1	1	1
CO4	2	2	2	2	1	1	1	1

C05	2	2	2	1	2	2	1	1
C06	2	1	1	1	1	1	2	1
C07	1	2	1	1	3	1	1	3

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

COURSE DETAILS:

Theory: 100 hrs.

Practical: 550 hrs.

Unit I (5 hrs)

Introduction

- Current principles, practices and trends in Pediatric Nursing
- Role of pediatric nurse in various settings -Expanded and extended

Unit II (35 hrs)

- Pathophysiology, assessment(including interpretation of various invasive and non-invasive diagnostic procedures),treatment modalities and nursing intervention in selected pediatric medical disorders
- Child with respiratory disorders:
 - Upperrespiratorytract:choanalatresia, tonsillitis,epistaxis,aspiration.
 - Lowerrespiratorytract:Broncheolitis,Bronchopneumonia,Asthma,cysticfibros is
- Child with gastro-intestinal disorders:
 - Diarrheal diseases, gastro-esophageal reflux.
 - Hepatic disorders: Hepatitis, Indian childhood cirrhosis, liver transplantation.
 - Malabsorption syndrome, Malnutrition
- Child with renal/ urinary tract disorders:
 - Nephroticsyndrome,Nephritis,Hydronephrosis,hemolytic-

- uremic syndrome, kidney transplantation
- Child with cardio-vascular disorders:
 - Acquired: Rheumatic fever, Rheumatic heart disease,
 - Congenital: Cyanotic and acyanotic
- Child with endocrine/metabolic disorders: Diabetes insipidus, Diabetes Mellitus –IDDM, NIDDM, hyper and hypothyroidism, phenylketonuria, galactosemia
- Child with Neurological disorders: Convulsions, Meningitis, encephalitis, Guillain-Barre syndrome
- Child with oncological disorders: Leukemias, Lymphomas, Wilms' tumor, neuroblastomas, Rhabdomyosarcoma, retinoblastoma, hepatoblastoma, bone tumors
- Child with blood disorders: Anemias, thalassemias, hemophilia, polycythemia, thrombocytopenia, and disseminated intravascular coagulation
- Child with skin disorders
- Common Eye and ENT disorders
- Common Communicable diseases
-
- Unit III (35 hrs)
 - 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
 - Gastrointestinal system: Cleft lip, cleft palate and conditions requiring plastic surgery, Tracheo esophageal fistula/atresia, Hirschsprung's disease/megacolon, malrotation, intestinal obstruction, duodenal atresia, gastrochisis, exomphalus, anorectal malformation, omphalocele, diaphragmatic hernia
 - Anomalies of the nervous system: Spina bifida, Meningocele, Myelomeningocele, hydrocephalus
 - Anomalies of the genito-urinary system: Hypospadias, Epispadias, Undescended testes, Exstrophy bladder
 - Anomalies of the skeletal system
 - Eye and ENT disorders
 - Nursing management of the child with traumatic injuries: General principles of managing Pediatric trauma
 - Head injury, abdominal injury, poisoning, foreign body obstruction, burns
 - & Bites
 - Child with oncological disorders: Solid tumors of childhood, Nephroblastoma, Neuroblastoma, Hodgkin's/NonHodgkin's Lymphoma, Hepatoblastoma, Rhabdomyosarcoma
 - Management of stomas, catheters and tubes
 - Management of wounds and drainages

Unit IV (10 hrs)

Intensive care for pediatric clients

- Resuscitation, stabilization & monitoring of pediatric patients
- Anatomical & physiological basis of critical illness in infancy and childhood
- Care of child requiring long-term ventilation
- Nutritional needs of critically ill child
- Legal and ethical issues in pediatric intensive care
- Intensive care procedures, equipment and techniques, Documentation

Unit V (20 hrs)

High Risk Newborn

- Concept, goals, assessment, principles.
- Nursing management of
 - Post-mature infant, and baby of diabetic and substance use mothers.
 - Respiratory conditions, Asphyxia neonatorum, neonatal apnoea meconium aspiration syndrome, pneumo-thorax, pneumo mediastinum
 - Icterus neonatorum.
 - Birth injuries.
 - Hypoxic ischaemic encephelopathy
 - Congenital anomalies.
 - Neonatal seizures.
 - Neonatal hypocalcaemia, hypoglycemia, hypomagnesaemia.
 - Neonatal heart diseases.
 - Neonatal hemolytic diseases
 - Neonatal infections, neonatal sepsis, ophthalmia neonatorum, congenital syphilis, HIV/AIDS
 - Advanced neonatal procedures.
 - Calculation of fluid requirements.
- Hematological conditions – erythroblastosis fetalis, hemorrhagic disorder in the newborn
 - Organization of neonatal care, services (Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU

Reference Books:

- A. Parthasarathy, IAP Textbook of Pediatrics, 5th edition.
- Rimple Sharma, Essentials of Pediatric Nursing.
- Parul Datta, Pediatric Nursing, 2nd edition, 2009, Jaypee brothers medical publications, New Delhi.
- Marlow Text book of pediatric Nursing, 6th edition.
- Marilyn J. Hockenberry, Wong's Nursing Care of Infants and Children - Binder Ready, 11th Edition

Theory

Teaching-Learning Strategies:

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A; session. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. Attendance and academic activities are computed for internal assessment. Sessional exam is conducted for 40 marks. Continuous mode evaluation comprising of Attendance, Academic activities (e.g., Quiz, assignment, class test, group discussion and seminar)). End semester exams is of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks) .

Name of the Academic Program : M. Sc. Nursing

Course Code: MCHN 302

Title of the Course: Community Health Nursing A

L-T-P= 4-0-23 Credits: 7+18

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES

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 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.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	1	2	1	1	1	1
CO2	1	1	3	2	1	3	1	1
CO3	2	1	3	3	2	2	3	2
CO4	2	2	2	3	2	1	1	1
CO5	1	3	3	3	3	2	2	1
CO6	1	2	1	3	1	1	1	2
CO7	3	2	1	3	2	2	2	1

CO8	1	1	1	2	1	3	2	1
CO9	1	2	1	2	2	2	2	1
CO10	1	2	3	1	1	1	2	2
CO11	1	3	1	1	1	1	1	1

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

COURSE DETAILS:

Theory: 100 hrs.

Practical: 550 hrs.

UNIT I 20 HRS

Epidemiology

- Introduction
- Concept, scope, definition, trends, History and development of modern Epidemiology
- Contribution of epidemiology
- Implications
- Epidemiological methods
- Measurement of health and disease:
- Health policies
- Epidemiological approaches
- Study of disease causatives
- Health promotion
- Levels of prevention
- Epidemiology of
- Communicable diseases •
- Non-communicable diseases
- Emerging and re-emerging diseases Epidemics
- National Integrated disease Surveillance Programme
- Health information system
- Epidemiology study and reports

- Role of Community health nurse

UNIT II

40Hrs

National Health and Family Welfare Programmes

□ Objectives, Organisation/manpower/resources, Activities, Goals, inter-sectoral approach, implementation, item/purpose, role and responsibilities of community health nurse:

- National Vector Borne Disease Control Programm (NVBDCP)
- National Filaria Control Programme
- National Leprosy Eradication Programme
- Revised national TB Control Programme
- National Programme for Control of Blindness
- National Iodine Deficiency disorders Control Programme
- National Mental Health Programme
- National AIDS Control Programme
- National Cancer Control Programme
- RCH I and II
- Non- communicable disease programmes
- NRHM
- Health Schemes:
 - * ESI
 - * CGHS
 - * Health Insurance

UNIT III

15Hrs

School Health

- Introduction: definition, concepts, objectives,.
- Health assessment, Screening, identification, referral and follow up,
- Safe environment
- Services, programmes and plans- first aid, treatment of minor ailments

- Inter-sectoral coordination
- Adolescent health
- Disaster, disaster preparedness, and management
- Guidance and counselling
- School health records - maintenance and its importance
- Roles and responsibilities of community health nurse

UNIT IV

15Hrs

International health

- Global burden of disease
- Global health rules to halt disease spread
- Global health priorities and programmes
- International quarantine
- Health tourism
- International cooperation and assistance
- International travel and trade
- Health and food legislation, laws, adulteration of food
- Disaster management
- Migration
- International health agencies –World Health organizations, World health assembly, UNICEF, UNFPA, SIDA, US AID, DANIDA, DFID. AusAID etc
- International health issues and problems
- International nursing practice standards
- International health vis-a vis national health
- International health days and their significance

UNIT VI

10Hrs

Geriatric

- Concept, trends, problems and issues
- Aging process, and changes
- Theories of ageing

- Health problems and needs
 - Psycho-physiological stressors and disorders
- Myths and facts of aging
 - Health assessment
- Home for aged-various agencies
- Rehabilitation of elderly
 - Care of elderly
 - Elderly abuse
- Training and supervision of care givers
 - Government welfare measures Programmes for elderly Role of NGOs
 - Roles and responsibilities of Geriatric nurse in the community

References-

- Gulani KK. Community health nursing: principles and practices. 1st ed. Delhi: Kumar Publishing House; 2008.
- Stanhope M, Lancaster J. Community Health Nursing: promoting health of aggregates, families and individuals. 4th ed. St. Louis: Mosby; 1996.
- Clemen-Stone, S., Eigsti, D. G., & McGuire, S. L. (1998). Comprehensive community health nursing: Family, aggregate & community practice (5th ed.). St. Louis: Mosby- Year Book Inc.
- Community health nursing: Concepts and practice (4th ed.). Philadelphia: Lippincott. Stanhop, M., & Lancaster, J. (2004).
- Community & public health nursing (6th ed.). St. Louis: Mosby Year Book. Thomas, J. C. Sage, M. Dillenberg, J. and. Guillory V. J. (2002).
- A Code of Ethics for Public Health. American Journal of Public Health, July; 92(7): 1057–1059.

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g., assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks.. End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks) .

Name of the Academic Program: M.Sc. Nursing

Course Code: MOGN 302

Title of the Course: Obstetric and Gynaecological Nursing A

L-T-P= 4-0-23 Credits: 7+18

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES(COs)-

1. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions
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
13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	1	2	1	3	1	2	2
CO3	3	2	1	2	1	1	1	2

CO4	3	1	1	1	3	2	1	1
CO5	1	3	1	3	1	2	1	3
CO6	1	3	2	1	1	1	1	1
CO7	2	1	1	3	1	1	1	2
CO8	1	1	3	1	2	1	1	1
CO9	1	3	1	2	1	1	1	2
CO10	2	1	2	1	1	2	1	3
CO13	1	2	2	1	3	1	1	1
CO14	1	1	3	1	2	1	1	1

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

DETAILED SYLLABUS:

Theory: 100 hrs.

Practical: 550 hrs.

Unit I Hours 25

Content Management of problems of women during pregnancy

- □ Risk approach of obstetrical nursing care , concept & goals.
- □ Screening of high-risk pregnancy, newer modalities of diagnosis.
- □ Nursing Management of Pregnancies at risk-due to obstetrical complication
- Pernicious Vomiting.
- Bleeding in early pregnancy, abortion, ectopic pregnancy, and gestational trophoblastic diseases.
- Hemorrhage during late pregnancy, ante partum hemorrhage, Placenta praevia, abruptio placenta.
- Hypertensive disorders in pregnancy, pre-eclampsia, eclampsia, Hemolysis Elevated liver enzyme Low Platelet count (HELLP)
- Iso-immune diseases. Rh and ABO incompatibility
- Hematological problems in pregnancy.
- Hydramnios-oligohydramnios
- Prolonged pregnancy- post term, post maturity.
- Multiple pregnancies.
- Intra uterine infection & pain during pregnancy.

- Intra Uterine Growth Retardation(IUGR), Premature Rupture of Membrane(PROM), intra uterine death

Unit II Hours 15

Pregnancies at risk-due to pre-existing health problems

- Metabolic conditions.
- Anemia and nutritional deficiencies
- Hepatitis Cardio-vascular disease.
- Thyroid diseases.
- Epilepsy.
- Essential hypertension
- Chronic renal failure.
- Tropical diseases.
- Psychiatric disorders
- Infections Toxoplasmosis Rubella Cytomegalo virus Herpes (TORCH); Reproductive Tract Infection(RTI);STD; HIV/AIDS, Vaginal infections; Leprosy, Tuberculosis
- Other risk factors: Age- Adolescents, elderly; unwed mothers, sexual abuse, substance use
- Pregnancies complicating with tumors, uterine anomalies, prolapse, ovarian cyst.

Unit IV Hours 10

post partum complications

- Nursing management of Puerperal infections, puerperal sepsis, urinary complications, puerperal venous thrombosis and pulmonary embolism
- Sub involution of uterus, Breast conditions, Thrombophlebitis
- Psychological complications, post partum blues, depression, psychosis

Unit V Hours 25

High Risk Newborn

- Concept, goals, assessment, principles.
- Nursing management of Pre-term, small for gestational age, post-mature infant, and baby of diabetic and substance use mothers.
- Respiratory conditions, Asphyxia neonatorum, neonatal apnoea meconium aspiration syndrome, pneumo thorax, pneumo mediastinum
- Icterus neonatorum.
- Birth injuries.
- Hypoxic ischaemic encephelopathy
- Congenital anomalies.
- Neonatal seizures.
- Neonatal hypocalcaemia, hypoglycemia, hypomagnesaemia.

- Neonatal heart diseases.
- Neonatal hemolytic diseases
- Neonatal infections, neonatal sepsis, ophthalmia neonatorum, congenital syphilis, HIV/AIDS □
Advanced neonatal procedures.
- Calculation of fluid requirements.
- Hematological conditions – erythroblastosis fetalis, hemorrhagic disorder in the newborn
- Organization of neonatal care, services(Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU.

Unit VI Hours 15

HIV/AIDS □ HIV positive mother and her baby

- □ Epidemiology
- □ Screening
- □ Parent to child transmission(PTCT)
- □ Prophylaxis for mother and baby
- □ Standard safety measures
- □ Counseling □ Breast feeding issues
- □ National policies and guidelines
- □ Issues: Legal,ethical, Psychosocial and rehabilitation

Unit VIII Hours 5

Administration and management of obstetrical and gynaecological unit

- □ Design & layout □ Staffing, □ Equipment, supplies, □ Infection control; Standard safety measures
- □ Quality Assurance:-Obstetric auditing –records /reports, Norms, policies and protocols □
Practice standards for obstetrical and gynaecological unit.

Unit IX Hours 5

Education and training in obstetrical and gynaecological care

- □ Staff orientation, training and development,
- □ In-service education program,
- □ Clinical teaching programs.

References-

- Jacob Annamma; A Comprehensive Textbook Of Midwifery and Gynecological Nursing;edition-3rd 2012;jaypee publisher; Pp- 614-615.
- Bobak, Lowdermilk, Jensen, Maternity Nursing (4th Edition), Mosby, 1983, pp 123-167.
- Shirish S Sheth, Essential of Obstetrics (1stEdition), Jaypee Brothers Medical Publishers, New Delhi, 2004, pp 102 - 107.
- Dutta D.C (2004), Textbook of Obstetrics (sixth edition), New Central Book Agency (P) LTD, Calcutta, Pp136-142,442.
- Guidelines for Antenatal Care and Skilled Attendance at Birth by ANMs/LHVs/SNs

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams . The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 25 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (4 marks), Academic activities (Average of any 3 activities e.g., Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (3 marks). End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks) .

Practical assessment

- (b) The students shall be required to maintain the observation visit reports/ other such assessments, including diary, for assessment by the teachers concerned in each case. Besides the class tests, marks will be given for day to day work and assignments in the following:
- (d) Case presentation
 - (e) Nursing Care plan
 - (f) Case study
 - (d) Seminar
 - (e) Daily Diary
 - (f) Return demonstrations
 - (g) Monthly clinical evaluation
 - (h) Maintenance of Midwifery Case book
 - (i) Practice Practical exams.

Name of the Academic Program: M.Sc. Nursing

Course Code: MMHP 302

Title of the Course: Mental Health Nursing (Psychiatry) A

L-T-P= 4-0-23 Credits: 7+18

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

CO 1. Apply the nursing process in the care of patients with mental disorders in hospital and community

CO 2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders

CO 3. Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS.

CO 4. Identify and manage psychiatric emergencies.

CO 5. Provide nursing care to critically ill patients with mental disorders

CO 6. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders

CO 8. Appreciate the legal and ethical issues pertaining to psychiatric nursing.

CO 9. Identify areas of research in the field of psychiatric nursing.

CO 10. Prepare a design for layout and describe standards for management of Psychiatric units/emergency units/hospitals

CO 11. Teach psychiatric nursing to undergraduate students & in-service nurses.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	3	3	2	1	1	3	3
CO 2	2	3	2	3	1	2	3	2
CO 3	3	1	2	3	1	3	1	2
CO 4	2	3	3	3	2	2	3	3
CO 5	3	2	2	1	3	3	2	2
CO 6	2	1	3	3	2	2	1	3
CO 7	3	3	2	2	3	3	3	2
CO 8	2	1	3	1	2	2	1	3
CO 9	2	1	2	3	3	2	1	2
CO 10	2	3	3	1	2	2	3	3
CO 11	3	3	2	1	2	3	3	2

LEVEL OF MAPPING: Each Course Outcome (CO) may be mapped with one or more Program Outcomes (POs).

Write '3' in the box for 'High-level' mapping, 2 for 'Medium-level' mapping, 1 for 'Low'-level' mapping.

DETAILED SYLLABUS:

Theory: 100 hrs.

Practical: 550 hrs.

UNIT I- 2 HRS

Principles and practice of Psychiatric nursing

- Review

UNIT 2-10 HRS.

Substance-Related Disorders

- Substance-Use Disorders
- Substance-Induced Disorders
- Classes Of Psychoactive Substances
- Predisposing Factors
- The Dynamics Of Substance-Related Disorders
- The Impaired Nurse
- Codependency
- Treatment Modalities For Substance-Related Disorders and Nursing Management

UNIT III-10 HRS.

Schizophrenia and Other Psychotic Disorders (Check ICD10)

- Nature of the Disorder
- Predisposing Factors
- Schizophrenia -Types
 - Disorganized Schizophrenia
 - Catatonic Schizophrenia
 - Paranoid Schizophrenia
 - Undifferentiated Schizophrenia
 - Residual Schizophrenia
- Other Psychotic disorders
 - Schizoaffective Disorder
 - Brief Psychotic Disorder
 - Schizophreniform Disorder
 - Psychotic Disorder Due to a General Medical Condition
 - Substance-Induced Psychotic Disorder
- Treatment and Nursing Management

UNIT IV- 8 HRS.

Mood Disorders

- Historical Perspective
- Epidemiology
- The Grief Response
- Maladaptive Responses To Loss
- Types Of Mood Disorders
- Depressive disorders
- Bipolar disorders
- Treatment and Nursing Management

UNIT V- 8 HRS.

Anxiety Disorders

- Historical Aspects
- Epidemiological Statistics
- How Much is too Much?
- Types
 - Panic Disorder
 - Generalized Anxiety Disorder
 - Phobias
 - Obsessive-Compulsive Disorder
 - Posttraumatic Stress Disorder
 - Anxiety Disorder Due to a General Medical Condition
 - Substance-Induced Anxiety Disorder
- Treatment Modalities
- Psychopharmacology & Nursing Management

UNIT VI-5 HRS.

Somatoform And Sleep Disorders

- Somatoform Disorders
- Historical Aspects
- Epidemiological Statistics
 - Pain Disorder
 - Hypochondriasis
 - Conversion Disorder
 - Body Dysmorphic Disorder
- Sleep Disorder
- Treatment Modalities and Nursing Management

UNIT VII- 10 HRS.

Personality Disorders

- Historical perspectives
- Types Of Personality Disorders
- Paranoid Personality Disorder
- Schizoid Personality Disorder
- Antisocial Personality Disorder
- Borderline Personality Disorder

Histrionic Personality Disorder

- Narcissitic Personality Disorder
- Avoidance Personality Disorder
- Dependent Personality Disorder
- Obsessive-Compulsive Personality Disorder
- Passive-Aggressive Personality Disorders
- Identification, diagnostic, symptoms
- Psychopharmacology
- Treatment & Nursing Management

UNIT VIII-5 HRS.

The person living with HIV Disease

- Psychological problems of individual HIV/AIDS
- Counseling
- Treatment & Nursing Management

UNIT IX-5 HRS.

Problems Related to Abuse or Neglect

- Vulnerable groups, Women, Children, elderly, psychiatric patients, under privileged, challenged
- Predisposing Factors
- Treatment & Nursing management- Counseling

UNIT X -5HRS.

Ethical and Legal Issues in Psychiatric/Mental Health Nursing

- Ethical Considerations
- Legal Consideration
- Nurse Practice Acts
 - Types of Law
 - Classification within Statutory and Common Law
 - Legal Issues in Psychiatric/Mental Health Nursing
 - Nursing Liability

UNIT XI- 5 HRS.

Administration and management of psychiatric units including emergency units

- Design & layout
- Staffing,
- Equipment, supplies,
- Norms, policies and protocols
- Quality assurance
- Practice standards for psychiatric nursing
- Documentation

UNIT XII- 5 HRS

Education and training in psychiatric care

- Staff orientation, training and development,
- In-service education program,
- Clinical teaching programs.

UNIT XIII- 5 HRS.

Psychosocial rehabilitation

- Principles of rehabilitation
- Disability assessment
- Day care centers
- Half way homes
- Reintegration into the community
- Training and support to care givers
- Sheltered workshops
- Correctional homes

UNIT XIV- 5 HRS.

- Liaison psychiatric nursing
- Terminal illnesses-Counseling
- Post partum psychosis-treatment, care and counseling
- Death dying- Counseling
- Treatment, care and counseling –
- Unwed mothers
- HIV and AIDS

References

- 1) Sturt G.W. and Laraia M.T; Principal and practice of psychiatry Nursing. Elsevier Publication.
- 2) Townsend.M.C; Psychiatric Mental Health Nursing: concept of care. F.A.Davis company publishers, Philadelphia.
- 3) Vyas J.N. Ahuja.N; Text book of post graduate psychiatry .Jaypee publication.
- 4) Johnson .B.S.; Adaption and growth psychiatric mental health nursing.

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g. assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks.. End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks.

SEMESTER IV

Name of the Academic Program: MSc. Nursing

Course Code: MMS 401

Title of the Course: Medical Surgical Nursing B

LTP : 3-0-21

Credits:3+13

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES

CO1. Appreciate team work & coordinate activities related to patient care.

CO2. Practice infection control measures.

CO3. Identify emergencies and complications & take appropriate measure

CO4. Discuss the legal and ethical issues in cardio vascular and thoracic nursing

CO5. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.

CO6. Appreciate the role of alternative system of medicine in care of patient

CO7. Incorporate evidence based nursing practice and identify the areas of research in the field of cardiovascular and thoracic nursing

CO8. Identify the sources of stress and manage burnout syndrome among health care providers.

CO9. Teach and supervise nurses and allied health workers.

CO10. Design layout of ICCU and ICTU and develop standards for cardiovascular and thoracic nursing practice.

MAPPING OF COURSE OUTCOMES (COs) WITH PROGRAM OUTCOMES (POs)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	2	1	1	2	1	1	3	3
CO 2	1	2	3	2	2	1	1	3
CO 3	3	1	1	1	3	3	2	2
CO 4	1	2	3	2	2	1	1	1
CO 5	1	2	2	3	1	1	2	2
CO 6	1	1	1	1	2	1	2	2
CO 7	3	2	2	2	3	3	3	3

CO 8	1	1	2	3	2	3	2	2
CO 9	1	2	2	2	1	1	2	2
CO 10	1	1	1	2	1	2	1	1

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

DETAILED SYLLABUS:

Theory: 50 hrs.

Practical: 400 hrs.

UNIT X

10Hrs

Congenital Heart Diseases,

- Etiology, clinical manifestations, diagnosis, prognosis, related pathophysiology, treatment modalities and nursing management of:
 - Embryological development of heart.
 - Classification–cyanotic and acyanotic heart disease.
 - Tetralogy of Fallots.
 - Atrial Septal Defect, Ventricular Septal Defect., Eisenmenger’s complex.
 - Patent ductus arteriosus, AP window
 - Truncus Arteriosus.
 - Transposition of great arteries.
 - Total Anomaly of Pulmonary Venous Connection.
 - Pulmonary stenosis, atresia.
 - Coarctation of aorta.
 - Ebstein’s anomaly
 - Double outlet right ventricle, Single ventricle, Hypoplastic left heart syndrome

UNIT XI

10Hrs

Pharmacology

- **Review**
- Pharmacokinetics
- Analgesics/Anti-inflammatory agents
- Antibiotics, antiseptics
- Drug reaction & toxicity
- Drugs used in cardiac emergencies
- Blood and blood components
 - Anti-thrombolytic agents
 - Inotropic agents
 - Beta-blocking agents
 - Calcium channel blockers.
 - Vaso-constrictors
 - Vasodilators

- ACE inhibitors.
- Anticoagulants
- Anti-arrhythmic drugs.
- Anti-hypertensives
- Diuretics
- Sedatives and tranquilizers.
- Digitalis.
- Anti lipemics
- Principles of drug administration, role and responsibilities of nurses and care of drugs.

UNIT XII

20Hrs

Nursing Care of patient undergoing cardiothoracic surgery

- Indications, selection of patient
- Preoperative assessment and preparation; counselling.
- Intraoperative care: Principles of open heart surgery, equipment, anaesthesia, cardiopulmonary bypass.
- 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.
- Thoracic surgery: lobectomy, pneumonectomy, tumour excision etc
- Immediate postoperative care: assessment, postoperative 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.
- Chest physiotherapy
- Nursing interventions- life style modification, complementary Therapy / alternative systems of medicine.
- Intermediate and late post-operative care after CABG, valve surgery, others.
- Follow up care

UNIT XIII

5Hrs

Cardiac rehabilitation

- Process
- Physical evaluation
- Lifestyle modification
- Physical conditioning for cardiovascular efficiency through exercise
- Counseling
- Follow up care

UNIT XIV

5

Hrs

Intensive Coronary Care Unit/intensive cardiothoracic unit:

- Quality assurance
 - Standards, Protocols, Policies, Procedures
 - Infection control; Standard safety measures
 - Nursing audit

- Design of ICCU/ICTU
- Staffing; cardiac team
- Burnout syndrome
- Nurse's role in the management of I.C.C.U and ICTU.
- Mobile coronary care unit.
- Planning in-service educational programme and teaching.

REFERENCE BOOKS

- Hinkle L. Janice. Cheever H.Kerry. Brunner & suddharth's textbook of medical surgical nursing. 13th edition. Vol.1. New Delhi, Wolters Kluwer publications; 2015.
- Chintamani. Lewis's medical surgical nursing. New Delhi, Elsevier publications; 2013.
- Black M.Joyce. Hawks Hokanson Jane. Medical surgical nursing. 8th edition. Vol.2. New Delhi, Elsevier publication; 2015.
- Nettina. M. Sandra. Lippincott manual of nursing practice. 10th edition. New Delhi, Wolters kluwer publishers; 2014.
- Brunner and Suddharths. textbook of medical and surgical nursing. 13th edition Vol. I. .New Delhi: Reed Elsevier India Pvt. Ltd.; 2014

Theory

Teaching-Learning Strategies :

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning. Assessment methods and weightages. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (5 marks), Academic activities (Average of any 3 activities e.g., Quiz, assignment, open book test, field work, group discussion and seminar) (5 marks). End semester exams is of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks) .

Practical

Teaching- Learning Strategies in brief

The teaching learning strategies followed are learning by doing.

Assessment methods and weightages in brief

- For practical, the internal practical evaluation a practice practical exam is conducted for 50 marks. Continuous mode evaluation is of 50 marks comprising of Attendance (5 marks),clinical posting evaluation (5marks) ,clinical /Practical Records, Regular viva voce, etc. (40 marks). So a total of 100 altogether.
- End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: Marks and End Semester Examination/ external assessment of 100 Marks)

Name of the Academic Program : M. Sc. Nursing

Course Code: MCHN 401

Title of the Course :) Community Health Nursing B

L-T-P= 3-0-21 Credits: 3 +13

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES

CO 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.

CO 2. Apply epidemiological concepts and principles in community health nursing practice

CO 3. Perform community health assessment and plan health programmes

CO 4. Describe the various components of Reproductive and child health programme.

CO 5. Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.

CO 6. Demonstrate competencies in providing family centered nursing care independently

CO 7. Participate/Conduct research for new insights and innovative solutions to health problems

CO 8. Teach and supervise nurses and allied health workers.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	2	1	1	1	2	1	1
CO2	1	1	3	2	2	1	2	2
CO3	1	3	3	1	1	2	1	1
CO4	2	1	2	3	2	1	2	2
CO5	1	3	3	2	1	2	2	3
CO6	3	2	1	1	3	1	2	2
CO7	1	1	1	2	2	2	2	1
CO8	1	1	2	3	1	2	2	1

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

DETAILED SYLLABUS:

Theory: 50 hrs.

Practical: 400 hrs.

UNIT VII

10Hrs

Rehabilitation

- Introduction: Concepts, principles, trends, issues,
- Rehabilitation team
- Models, Methods
- Community based rehabilitation
- Ethical issues
- Rehabilitation Council of India
- Disability and rehabilitation- Use of various prosthetic devices
- psychosocial rehabilitation
- Rehabilitation of chronic diseases
- Restorative rehabilitation
- Vocational rehabilitation
- Role of voluntary organizations
- Guidance and counselling
- Welfare measures
- Role and responsibilities of community health nurse

UNIT VIII

10Hrs

Community mental health

- Magnitude, trends and issues
- National Mental Health Program- Community mental health program
- The Changing Focus of care
- The Public Health Model
- Case Management- Collaborative care
- Crisis intervention
- Welfare agencies
- Population at Risk

- The community as Client
- Primary Prevention 139 Unit Hours Content
- Secondary prevention
- Tertiary Prevention
- Community based rehabilitation
- Human rights of mentally ill
- Substance use
- Mentally challenged groups
- Role of community health nurse

UNIT IX

15Hrs

Introduction: Trends, issues, Definition, Aims, Objectives, Workplace safety

- Ergonomics and Ergonomic solutions
- Occupational environment- Physical, social, Decision making, Critical thinking
 - Occupational hazards for different categories of people physical, chemical, biological, mechanical, Accidents,
 - Occupational diseases and disorders
- Measures for Health promotion of workers; Prevention and control of occupational diseases, disability limitations and rehabilitation
 - Women and occupational health
- Occupational education and counselling
- Violence at workplace
 - Child labour
 - Disaster preparedness and management
- Legal issues: Legislation, Labour unions, ILO and WHO recommendations, Factories act, ESI act
- Role of Community health nurse, Occupational health team.

References-

- Gulani KK. Community health nursing: principles and practices. 1st ed. Delhi: Kumar Publishing House; 2008.
- Stanhope M, Lancaster J. Community Health Nursing: promoting health of aggregates, families and individuals. 4th ed. St. Louis: Mosby; 1996.

- Clemen-Stone, S., Eigsti, D. G., & McGuire, S. L. (1998). Comprehensive community health nursing: Family, aggregate & community practice(5th ed.). St. Louis: Mosby- Year Book Inc.
- Community health nursing: Concepts and practice(4th ed.). Philadelphia: Lippincott. Stanhop, M., & Lancaster, J.(2004).
- Community & public health nursing (6th ed.). St. Louis: Mosby Year Book. Thomas, J. C. Sage, M. Dillenberg, J. and. Guillory V. J. (2002).
- A Code of Ethics for Public Health. American Journal of Public Health, July; 92(7): 1057–1059.

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g., assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks.. End semester exams is of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks) .

Practical

Teaching- Learning Strategies

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and clinical assignments (health talk, case studies, case presentations, family visits, group project, reports etc) are included. End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: 100 Marks and End Semester Examination: 100 Marks).

Name of the Academic Program: M.Sc. Nursing

Course Code: 401

Title of the Course: Obstetrics and gynaecological nursing B

L-T-P: 3-0-21 Credits: 3+13

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this Course, the students should be able to:

CO-1: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions

CO-2: Perform physical, psychosocial, cultural & spiritual assessment

CO-3: **Demonstrate competence in caring for women with obstetrical and gynaecological conditions**

CO-4: Demonstrate competence in caring for high risk newborn.

CO-5:-Identify and Manage obstetrical and neonatal emergencies as per protocol.

CO:6. Practice infection control measures

CO: 7: Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical , gynecological and neonatal care.

CO 8: Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynecological and neonatal care.

CO 9:Teach and supervise nurses and allied health workers.

CO 10: Design a layout of speciality units of obstetrics and gynecology

CO 11: Develop standards for obstetrical and gynaecological nursing practice.

CO 12: Counsel women and families

CO 13: Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynecological nursing

CO14: Function as independent midwifery nurse practitioner

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	3	3	2	2	3

CO2	2	3	3	3	2	2	2	1
CO3	3	3	3	2	2	2	2	2
CO4	3	3	3	3	3	2	2	1
CO5	3	3	2	3	2	2	1	3
CO6	2	3	2	2	2	2	1	1
CO7	2	2	3	3	2	1	2	2
CO8	2	3	3	2	2	2	1	2
CO9	2	3	2	2	2	1	2	2
CO10	2	2	2	1	2	2	2	3
CO11	2	2	3	2	1	3	3	2
CO12	3	3	2	2	2	1	2	2
CO13	3	2	2	2	3	2	1	2
CO14	1	2	3	2	2	1	2	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

Detailed Syllabus

DETAILED SYLLABUS:

Theory: 50 hrs.

Practical: 400 hrs.

UNIT III

25 hours

- Etiology, pathophysiology and nursing management of
 - a) Uncoordinated uterine actions, Atony of uterus, precipitate labour, prolonged labour.
 - b) Abnormal lie, presentation, position compound presentation.
 - c) Contracted pelvis-CPD; dystocia

- d) Obstetrical emergencies Obstetrical shock, vasa praevia, inversion of uterus, amniotic fluid embolism, rupture uterus, presentation and prolapse cord
 - e) Augmentation of labour. Medical and surgical induction
 - f) .Version
 - g) Manual removal of placenta
 - h) Obstetrical operation: Forceps delivery, Ventouse, Caesarian section, Destructive operations
 - i) Genital tract injuries-Third degree perineal tear, VVF, RVF
 - Complications of third stage of labour
- a) Post partum Hemorrhage
 - b) Retained placenta.

UNIT VII: Gynecological problems and nursing management

25 hours

- Gynecological assessment
- Gynecological procedures
- Etiology, pathophysiology, diagnosis and nursing management of
 - a) Menstrual irregularities
 - b) Diseases of genital tract
 - c) Genital tract infections
 - d) Uterine displacement
 - e) Genital prolapse
 - f) Genital injuries
 - g) Uterine malformation
 - h) Uterine fibroid, ovarian tumors, Breast carcinoma, Pelvic inflammatory diseases, reproductive tract malignancies, hysterectomy – vaginal and abdominal.
 - i) Sexual abuse, rape, trauma , assault

Practicals

Essential Obstetrical And Gynecological Skills

Procedure Observed

- Assisted Reproductive Technology procedures
- Ultra sonography
- Specific laboratory tests. • Amniocentesis.
- Cervical & vaginal cytology. • Fetoscopy.
- Hysteroscopy. • MRI.
- Surgical diathermy. • Cryosurgery.

Procedures Assisted • Operative delivery

- Abnormal deliveries-Forceps application, Ventouse, Breech
- Exchange blood transfusion • Culdoscopy. • Cystoscopy • Tuboscopy
- Laparoscopy.

- Endometrial Biopsy
- Tubal patent test
- Chemotherapy
- Radiation therapy
- Medical Termination of Pregnancy.
- Dilatation and Curettage

Procedures Performed

- History taking.
- Physical Examination-General
- Antenatal assessment. - 20
- Pelvic examination
- Assessment of risk status.
- Assessment of Intra uterine foetal well-being.kick chart and foetal movement chart, Doppler assessment, Non Stress Test, Contraction stress test(Oxytocin challenge test)
- Universal precautions- Disposal of biomedical waste.
- Per Vaginal examination and interpretation (early pregnancy, labour, post partum).
- Utilization of Partograph
- Medical & Surgical induction(Artificial rupture of membranes).
- Vacuum extraction • Conduct of delivery.
- Prescription and administration of fluids and electrolytes through intravenous route.
- Application of outlet forceps, delivery of breach - Burns Marshall, Loveset manoeuvre
- Repair of tears and Episiotomy suturing.
- Vacuum extraction
- controlled cord traction, Manual removal of placenta, placental examination,
- Manual vacuum aspiration • Postnatal assessment.- 20
- Management of breast engorgement
- Thrombophlebitis (white leg) • Postnatal counseling.
- Reposition of inversion of uterus.
- Laboratory tests: Blood- Hb, Sugar, Urine-albumin,sugar • Breast care, breast exam, and drainage breast abscess. • Postnatal exercise.
- Assessment -New born assessment; physical and neurological, Apgar score, high-risk newborn, Monitoring neonates; Clinically and With monitors, Capillary refill time, Assessment of jaundice, danger signs
- Anthropometric measurement
- Neonatal resuscitation
- Gastric Lavage
- Care of newborn in multi channel monitor and ventilator. • Care of newborn in radiant warmer and incubator. • Kangaroo mother care.
- Assisting mother with exclusive Breast-feeding

- Feeding technique: Katori, spoon, naso/orogastric, Total Parenteral nutrition
- Assessment, calculation and administration of fluids and medications:
 - Oral - I.D. - I.M.
 - I.V.- Securing IV line, infusion pump

- Administration of drug per rectum
- Capillary blood sample collection.
- Oxygen therapy.
- Phototherapy.
- Chest physiotherapy.
- counseling - Parental, bereavment, family planning, infertility etc
- Setting of operation theatre.
- Trolley and table set up for Obstetrical & gynaecological operations.
- Pap smear.
- Vaginal smear.
- Insertion of pessaries,
- Insertion of IUD and removal.
- Teaching skills
- communication skills
- Prepare referral slips
- Pre transport stabilization
- Networking with other stake holders

Reference Books

1. DC Dutta's, Textbook of Gynaecology, Hiralal Konar, Jaypee, Edition 7th, 2019
2. Jacob Annamma, A Comprehensive Textbook of Midwifery & Gynecological Nursing, edition 5th, Jaypee Brothers Medical Publishers, 2019.
3. DC Dutta's, Textbook of Obstetrics, Hiralal Konar, edition 9th, Jaypee Brothers Medical Publishers, 2018.
4. Myles, Textbook for Midwives, International Edition, edition 16th, Elsevier publication, 2014.
5. Reeder's, Maternity Nursing, Edition-20th, Published By; Wolters Kluwer, 2019.
6. Manocha Sneha Lata, Procedure and Practices in Midwifery, Edition 2nd, Kumar Publishing House, 2015.
7. Gleicher, Principles & Practices of Medical Therapy in Pregnancy, edition 3rd.
8. Gynaecology, book by ten teachers, Edited by Stuart Campbell and Ash Monga, Edition 17th, 2000.
9. Reynolds Maureen, Gynaecology Nursing, ELBS edition in 1986.
10. Willocks J. & Phillips K., Obstetrics and Gynaecology, edition 5th, Churchill Livingstone Publisher, 1997.
11. Kumar Pratap, Essential of Obstetrics, edition 2nd, Jaypee Brothers Publishers, 2011.
12. Pillitteri Adele, Maternal & Child Health Nursing, edition 8th, Wolters Kluwer publisher, 2018.
13. Mudaliar and Menon's, clinical obstetrics, edited by Sarala Gopalan, S Rathnakumar and Vanita Jain, edition 12th, 2008.

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams and one improvement exam. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 30 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (4 marks), Academic activities (Average of any 3 activities e.g. Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (3 marks). End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks) .

Practical

Teaching- Learning Strategies

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and clinical assignments (health talk, case studies, case presentations, family visits, group project, reports etc) are included. End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: 100 Marks and End Semester Examination: 100 Marks).

Name of the Academic Program: M.Sc. Nursing

Course Code: MNP-401

Title of the Course: Child Health Nursing (Pediatrics) B

L-T-P: 3-0-21

Credits: 3+13

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

After completing this Course, the students should be able to:

C.O.1: Apply the nursing process in the care of ill infants to pre adolescents in hospital and community

C.O.2: Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems

C.O.3: Recognize and manage emergencies in children

C.O.4: Provide nursing care to critically ill children

C.O.5: Utilize the recent technology and various treatment modalities in the management of high risk children

C.O.6: Prepare a design for layout and describe standards for management of pediatric units/hospitals

C.O.7: Identify areas of research in the field of pediatric nursing

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	1	1	2	1	2
CO2	2	3	3	2	2	2	2	1
CO3	3	3	2	2	1	3	2	2
CO4	2	3	3	2	2	3	2	1
CO5	2	3	3	2	2	3	3	2
CO6	3	3	2	3	1	3	2	2
CO7	2	2	1	2	3	3	3	3

DETAILED SYLLABUS:

Theory: 50 hrs.

Practical: 400 hrs.

Unit – VI

Developmental disturbances and implications for nursing

- Adjustment reaction to school,
- Learning disabilities
- Habit disorders, speech disorders,
- Conduct disorders,
Early infantile autism, Attention deficit/hyperactive disorders (ADHD), depression and childhood schizophrenia.

Unit – VII

Challenged child and implications for nursing

- Physically challenged, causes, features, early detection & management
- Cerebral palsied child,
- Mentally challenged child.

Training & rehabilitation of challenged children

Unit – VIII

Crisis and nursing intervention

- The hospitalized child,
- Terminal illness & death during childhood
Nursing intervention-counseling

Unit – IX

Drugs used in Pediatrics

- Criteria for dose calculation
- Administration of drugs, oxygen and blood
- Drug interactions

Adverse effects and their management

Unit – X

Administration and management of pediatric care unit

- Design & layout
- Staffing,
- Equipment, supplies,
- Norms, policies and protocols

- Practice standards for pediatric care unit Documentation

Unit – XI

Education and training in Pediatric care

- Staff orientation, training and development
- In-service education program, Clinical teaching program

Essential

I. Procedures Observed:

- Echocardiogram
- Ultrasound head
- ROP screening (Retinopathy of prematurity)
- Any other

II. Procedures Assisted

- Advanced neonatal life support
- Lumbar Puncture
- Arterial Blood Gas
- ECG Recording
- Umbilical catheterization—arterial and venous
- Arterial BP monitoring
- Blood transfusion-exchange transfusion full and partial
- IV cannulation & therapy
- Arterial catheterization
- Chest tube insertion
- Endotracheal intubation
- Ventilation
- Insertion of long line
- Assist in surgery

Procedure Performed:

- Airway Management
 - Application of Oro Pharyngeal Airway
 - Oxygen therapy
 - CPAP(Continuous Positive Airway Pressure)
 - Care of Tracheotomy
 - Endotracheal Intubation
 - Neonatal Resuscitation
 - Monitoring of Neonates—clinically & with monitors, CRT(Capillary Refill Time),assessment of jaundice,ECG
 - Gastric Lavage
 - Setting of Ventilators
 - Phototherapy
 - Assessment of Neonates: Identification &assessment of

risk factors, APGAR Score, gestation age, Anthropometric assessment, Weighing the baby, Newborn examination, detection of life threatening congenital abnormalities,

- Admission & discharge of neonates
- Feeding-management of breastfeeding, artificial feeding, expression of breast milk, OG (Orogastric) tube insertion, gavage feeding, TPN, Breastfeeding counselling
- Thermoregulation-Axillary temperature, Kangaroo Mother Care (KMC), Use of Radiant warmer, incubators, management of thermoregulation & control
- Administration of Drugs: I/M, IV injection, IV Cannulation & fixation in infusion pump, Calculation of dosages, Neonatal formulation of drugs, use of tuberculin/insulin syringes, Monitoring of fluid therapy, Blood administration.
- Procedures for prevention of infections: Handwashing, disinfections & sterilization, surveillance, fumigation
- Collection of specimens
- Setting, Use & maintenance of basic equipment: Ventilator, O₂ analyzer, monitoring equipment, Photo therapy unit, Flux meter, Infusion pump, Radiant warmer, incubator, Centrifuge machine, Bilimeter, Refractometer, laminar flow

III. Other Procedures:

Reference Books

14. Datta Parul, Pediatric Nursing, 2nd edition, Japee Brother's Medical Publishers, New Delhi, 2009.
15. Beevi Assuma, Text Book of Pediatric Nursing, Elsevier Saunders Mosby, 2019.
16. Dorothy R Marlow, Text Book of Pediatric Nursing, edition 4th, 2013
17. Mosby's, Pediatric Nursing, 6th edition 2017.
18. Sharma Rimple, Essential of Pediatric Nursing, 3rd edition, Jaypee Brothers, 2020
19. Bee Helen and Boyd Denise, The Developing Child, 10th edition, 2010
20. Wong's, Essential of Pediatric Nursing 8th edition, 2010
21. Singh Meharban, Care of The Newborn 3rd edition, 1988
22. Katch Janathan B, Maternal and Child Health, 2nd edition, 2016
23. Ghai OP, Essential Pediatrics, 7th edition, 2008
24. Datta. Parul, Pediatric Nursing, 3rd edition, Japee Brother's Medical Publishers, New Delhi 2009.
25. Baldwin Gregory ,A. Handbook of Pediatric Emergencies, 2nd edition, 2011
26. Berk Laura E, Child Development, 3rd edition, 1999.
27. Blumer Jeffrey L, Pediatric Intensive Care, 3rd edition, 1990

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, question and answer session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and Sessional exams. There are two Sessional exams and one improvement exam. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks comprising of Attendance (5 marks), Academic activities (Average of any 3 activities e.g. Quiz, assignment, open book test, field work, group discussion and seminar) (3 marks) and student teacher interaction (2 marks). An end semester exam is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Practical

Teaching- Learning Strategies

The teaching learning strategies followed are learning by doing.

For practical, the internal practical evaluation, a practice practical exam, Continuous mode evaluation, Attendance, Practical Records, Regular viva voce, etc. and clinical assignments (health talk, case studies, case presentations, family visits, group project, reports etc) are included. End semester exams is of 100 marks. Total Marks are 200 for the subject (Internal Assessment: 100 Marks and End Semester Examination: 100 Marks).

Name of the Academic Program: M.Sc. Nursing

Course Code: MMHP 401

Title of the Course: MENTAL HEALTH NURSING (PSYCHIATRY) B

L-T-P: 3-0-21 Credits: 3+13

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE OUTCOMES (COs)

- CO 1. Apply the nursing process in the care of patients with mental disorders in hospital and community
- CO 2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders
- CO 3. Identify and manage psychiatric emergencies.
- CO 4. Provide nursing care to critically ill patients with mental disorders
- CO 5. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders
- CO 6. **Demonstrate skills in carrying out crisis intervention.**
- CO 7. Identify areas of research in the field of psychiatric nursing.

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1	3	3	2	1	1	3	3
CO2	2	3	2	3	1	2	3	2
CO3	3	1	2	3	1	3	1	2
CO4	2	3	3	3	2	2	3	3
CO5	3	2	2	1	3	3	2	2
CO6	2	1	3	3	2	2	1	3
CO7	3	3	2	2	3	3	3	2

Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

DETAILED SYLLABUS:

Theory: 50 hrs.

Practical: 400 hrs.

UNIT I- 5 HRS.

Crisis Intervention

- 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

UNIT II-4 HRS.

Anger/ Aggression Management

- Anger and Aggression, Types, Predisposing Factors
- Management
- Role of The Nurse

UNIT III- 5 HRS.

The Suicidal Client

- Epidemiological Factors
- Risk Factors
- **Predisposing Factors:** Theories of Suicide-Psychological, Sociological ,Biological
- Nursing Management

UNIT IV- 5 HRS.

Disorders of Infancy, Childhood, and Adolescence

- 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

UNIT V- 5 HRS.

Delirium, Dementia, and Amnestic Disorders

- Delirium
- Dementia
- Amnesia
- Psychopharmacological Intervention and Nursing Management

UNIT VI- 4 HRS.

Eating Disorders

- Epidemiological Factors
- Predisposing Factors : Anorexia Nervosa And Bulimia Nervosa obesity
- Psychopharmacology
- Treatment & Nursing Management

UNIT VII- 4 HRS.

Adjustment and Impulse Control Disorders

- Historical and Epidemiological Factors
- Adjustment Disorders
- Impulse Control Disorders

- Treatment & Nursing Management

UNIT VIII-8 HRS.

The Aging Individual

- Epidemiological Statistics
- Biological Theories
- Biological Aspects of Aging
- Psychological Aspects of Aging
- Memory Functioning
- Socio-cultural aspects of aging
- Sexual aspects of aging
- Special Concerns of the Elderly Population
- Psychiatric problems among elderly population
- Treatment & Nursing Management

UNIT IX- 10 HRS.

Community Mental Health Nursing

- National Mental Health Program- Community mental health program
- The Changing Focus of care
- The Public Health Model
- The Role of the Nurse
- Case Management
- The community as Client
- Primary Prevention
- Populations at Risk
- Secondary prevention
- Tertiary Prevention
- Community based rehabilitation

Teaching-Learning Strategies in brief

The teaching learning strategies, followed are chalk board, white board, LCD projector teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning.

Assessment methods and weightages in brief

There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There is one Sessional exam and class tests. Sessional exam and class test is evaluated from 15 marks and Attendance (5marks), Academic activities (Average of any 3 activities e.g., assignment, open book test, and group discussion) (5 marks) and these are computed together for 25 marks.. End semester exams is of 75 marks.

Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks)

Name of the Academic Program: MSc. Nursing

Course Code: MN 402

Title of the Course: Nursing Management

L-T-P: 8-0-8

Credits: 10+3

LTP (L=Lecture hours, T=Tutorial hours, P=Practical hours) =

COURSE OUTCOMES (COS)

After completing this course student will be able to:

CO 1. Describe the philosophy and objectives of the health care institutions at various levels.

CO 2. Identify trends and issues in nursing

CO 3. Discuss the public administration, health care administration vis a vis nursing administration

CO 4. Describe the principles of administration applied to nursing

CO 5. Explain the organization of health and nursing services at the various levels/institutions.

CO 6. Collaborate and co-ordinate with various agencies by using multi- sectoral approach

CO 7. Discuss the planning, supervision and management of nursing workforce for various health care settings.

CO 8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care

CO 9. Identify and analyse legal and ethical issues in nursing administration

CO 10. Describe the process of quality assurance in nursing services.

CO 11. **Demonstrate leadership in nursing at various levels**

MAPPING OF COURSE OUTCOMES (COs) WITH PROGRAM OUTCOMES (POs)

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8
CO 1	3	1	1	2	1	1	1	1
CO 2	1	2	1	2	1	2	1	2
CO 3	2	2	2	3	1	1	2	2
CO 4	1	2	2	3	3	2	2	2
CO 5	1	1	3	3	2	1	2	3
CO 6	3	1	1	2	2	2	3	2
CL7	1	2	1	3	2	2	3	2
CL 8	3	1	2	1	1	2	3	2
CO 9	1	2	1	2	3	2	2	2
CO 10	1	1	1	3	2	1	2	2

CO11	1	1	1	3	1	3	3	3
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Level of Mapping: “3” for ‘high level’ mapping, “2” for ‘medium level’ mapping, “1” for ‘low level’ mapping.

DETAILED SYLLABUS:

Theory: 150 hrs.

Practical: 150 hrs.

UNIT 1

10Hrs.

Introduction

Introduction

- Philosophy, purpose, elements, principles and scope of administration
- Indian Constitution, Indian Administrative system vis a vis health care delivery system: National, State and Local
- Organisation and functions of nursing services and education at National, State , District and institutions: Hospital and Community
- Planning process: Five year plans, Various Committee Reports on health, State and National Health policies, national population policy, national policy on AYUSH and plans,

UNIT II

10HRS

Management

- Functions of administration
- Planning and control
- Co-ordination and delegation
- Decision making – decentralization basic goals of decentralization.
- Concept of management

Nursing management

- Concept, types, principles and techniques
- Vision and Mission Statements
- Philosophy, aims and objective
- Current trends and issues in Nursing Administration
- Theories and models

UNIT III

15 hrs

Planning

- Planning process: Concept, Principles, Institutional policies
- Mission, philosophy, objectives,
- Strategic planning
- Operational plans
- Management plans
- Programme evaluation and review technique(PERT), Gantt chart, Management by objectives(MBO)

- Planning new venture
 - Planning for change
 - Innovations in nursing
- Application to nursing service and education

UNIT IV

15hrs

Organisation

- Concept , principles, objectives, Types and theories, Minimum requirements for organisation, Developing an organizational Structure, levels, organizational Effectiveness and organizational Climate,
- Organising nursing services and patient care: Methods of patient assignment- Advantages and disadvantages, primary nursing care,
- Planning and Organising: hospital, unit and ancillary services(specifically central sterile supply department, laundry, kitchen, laboratory services, emergency etc)
- Disaster management: plan, resources, drill, etc Application to nursing service and education

UNIT V

15hrs

Human Resource for health

- Staffing
- Philosophy
- Norms: Staff inspection unit(SIU), Bajaj Committee, High power committee, Indian nursing council (INC)
- Estimation of nursing staff requirement- activity analysis
- Various research studies
- Recruitment: credentialing, selection, placement, promotion
- Retention
- Personnel policies
- Termination
- Staff development programme
- Duties and responsibilities of various category of nursing personnel

Applications to nursing service and education

UNIT VI

15hrs

Directing

- Roles and functions
- Motivation: Intrinsic, extrinsic, Creating motivating climate, Motivational theories
- Communication : process, types, strategies, Interpersonal communication, channels, barriers, problems, Confidentiality, Public relations
- Delegation; common delegation errors
- Managing conflict: process, management, negotiation, consensus
- Collective bargaining: health care labour laws, unions, professional associations, role of nurse manager
- Occupational health and safety

Application to nursing service and education

UNIT VII

10 hrs

Material management

- Concepts, principles and procedures
- Planning and procurement procedures : Specifications
- ABC analysis,
- VED (very important and essential daily use) analysis
- Planning equipments and supplies for nursing care: unit and hospital
- Inventory control
- Condemnation

Application to nursing service and education

UNIT VIII

15hrs

Controlling

- Quality assurance – Continuous Quality Improvement
- Standards
- Models
- Nursing audit

UNIT IX

15Hrs

Fiscal planning

- Steps
- Plan and non-plan, zero budgeting, mid-term appraisal, capital and revenue
- Budget estimate, revised estimate, performance budget
- Audit
- Cost effectiveness
- Cost accounting
- Critical pathways
- Health care reforms
- Health economics
- Health insurance
- Budgeting for various units and levels Application to nursing service and education

Nursing informatics

- Trends
- General purpose
- Use of computers in hospital and community
- Patient record system
- Nursing records and reports
- Management information and evaluation system (MIES)
- E- nursing, Telemedicine, telenursing
- Electronic medical records

UNIT XI

10 Hrs

Leadership

- Concepts, Types, Theories

- Styles
- Manager behaviour
- Leader behaviour
- Effective leader: Characteristics, skills
- Group dynamics
- Power and politics
- lobbying
- Critical thinking and decision making
- Stress management

Applications to nursing service and education

UNIT XII

10HRS

Legal and ethical issues

Laws and ethics

- Ethical committee
- Code of ethics and professional conduct
- Legal system: Types of law, tort law, and liabilities
- Legal issues in nursing: negligence, malpractice, invasion of privacy, defamation of character
- Patient care issues, management issues, employment issues
- Medico legal issues
- Nursing regulatory mechanisms: licensure, renewal, accreditation
- Patients rights, Consumer protection act(CPA)
- Rights of special groups: children, women, HIV, handicap, ageing
- Professional responsibility and accountability
- Infection control
- Standard safety measures

REFERENCES:

- Joginder Vati. Principles & practice of Nursing management. I edition, New Delhi ,Jaypee brothers medical publishers: 2010
- Sullivan EJ & Decker JP. Effective leadership & management in Nursing. 6th edition. New Jersey, Pearson Prentice hall: 2010
- **Teaching-Learning Strategies :**

THEORY

- The teaching learning strategies, followed are board and chalk teaching, Learning through discussion among the peer group, classroom interaction, quiz, presentations, Q & A session and reflective learning. Assessment methods and weightages. There are two components of assessment: Internal assessment and End semester examination. Internal assessment consists of continuous mode and sessional exams. There are two Sessional exams. The average marks of two Sessional exams are computed for internal assessment. Sessional exam is conducted for 40 marks and are computed for 15 marks. Continuous mode evaluation is of 10 marks

comprising of Attendance (5 marks), Academic activities e.g., Quiz, assignment, open book test, field work, group discussion and seminar) (5 marks). End semester exams is of 75 marks. Total Marks are 100 for the subject (Internal Assessment: 25 Marks and End semester examination: 75 Marks

