



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

M.S.Ramaiah University of Applied Science
Programme Structure and Course Details
Of
M.Sc. Nursing Programme
Batch 2022 Onwards

M.S.Ramaiah University of Applied Science
Ramaiah Institute of Nursing Education and
Research

Registrar

M.S.Ramaiah University of Applied Sciences
Bangalore - 560 054

Dean - Academics

Approved by the Academic council at its 27th meeting held on 26th September 2022

M.S. Ramaiah University of Applied Sciences
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MASTER OF NURSING SYLLABUS AND REGULATION (POST GRADUATE NURSING EDUCATION)

SHORT TITLE AND COMMENCEMENT

- i. These Regulations may be called the M.S.Ramaiah University of Applied Sciences Master of Nursing Syllabus and Regulation (Post Graduate Nursing Education), 2022.

I. PHILOSOPHY

National Health Policy(NHP) 2017 emphasizes the need to prepare nurses to function in super-speciality areas who are required in tertiary care institutions, entrusting some limited public health functions to nurses after providing adequate training, and increase the ratio of degree holding vis a vis diploma holding nurses.

It is observed that there is an acute shortage of nursing faculty in under graduate and post graduate nursing programme in India.

The M.S.Ramaiah University of Applied Sciences believes that:

Post Graduate programme is essential to prepare nurses to improve the quality of nursing education and practice in India.

Post graduate programme in nursing builds upon and extends competence acquired at the graduate levels, emphasizes application of relevant theories into nursing practice, education, administration and development of research skills.

The programme prepares nurses for leadership position in nursing and health fields who can function as nurse specialists, consultants, educators, administrators and researchers in a wide variety of professional settings in meeting the National priorities and the changing needs of the society.

This programme provides the basis for the post master's programme in nursing. Further the programme encourages accountability and commitment to lifelong learning which fosters improvement of quality care.

II. AIMS AND OBJECTIVES

Aims (Programme outcomes)

The M Sc. Nursing graduate nurse will be able to:

- **PO1-** Assume responsibilities as nurse specialist, consultants, educators, administrators in a wide variety of professional settings.

Objective (specific outcomes)

On the completion of the MSc Nursing Programme, the graduate will be able to:

1. **PSO1-** Utilize/ apply the concept, theories and principles of nursing science
2. **PSO2-** Demonstrate advance competence in practice of nursing.

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3. **PSO3-** Practice as a nurse specialist.
4. **PSO4-** Demonstrate leadership qualities and function effectively as nurseeducator and manager.
5. **PSO5-** Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
6. **PSO6-** Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
7. **PSO7-** Establish collaborative relationship with members of other disciplines
8. **PSO8-** Demonstrate interest in continued learning for personal and professional advancement.

Medium of instruction

The medium of instruction for M.Sc. Nursing Program is English.

III. ADMISSION TERMS AND CONDITIONS

1. Minimum Educational Qualification
 - a. The candidate should be a Registered Nurse and Registered midwife or equivalent with any State Nursing Registration Council.
 - b. The minimum education requirements shall be the passing of: B.Sc. Nursing / B.Sc. Hons. Nursing / Post Basic B.Sc. Nursing with minimum of 55% aggregate marks.
 - c. The candidate should have undergone in B.Sc. Nursing / B.Sc. Hons. Nursing / Post Basic B.Sc. Nursing in an institution which is recognized by Indian Nursing Council.
 - d. Minimum one year of work experience after Basic B.Sc. Nursing.
 - e. Minimum one year of work experience prior or after Post Basic B.Sc. Nursing.
 - f. Candidate shall be medically fit.
 - g. 5% relaxation of marks for SC/ST candidates may be given.
2. Students shall be admitted once in a year.
3. Selection of the candidates shall be based on the merit in the entrance examination conducted by RUAS. Entrance test shall include multiple choice questions from

Sl. No.	Subject	Marks
1	Nursing Foundation	10
2	Medical Surgical Nursing/ Adult Health Nursing	15
3	Paediatric Nursing	10
4	Obstetrical and Gynaecological Nursing	10
5	Community Health Nursing	10

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E. S. Anand

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6	Mental Health Nursing	10
7	Nursing Education	05
8	Nursing Research	05
9	Nursing Management	05
Total		80

The minimum qualifying criteria of entrance test to admission to M.Sc. Nursing is as under:

- General 50th percentile
- SC/ST/OBC 40th percentile
- General - PwD 45th percentile (Person with Disability)
- SC/ST/OBC - PwD 40th percentile

For Government seats:

The candidates shall be admitted based on seat allotment through Karnataka Examination Authority (KEA).

4. Foreign Nationals:

Students from foreign countries must obtain equivalency from Indian Nursing Council to pursue M.Sc. Nursing in India.

5. Admission/Selection Committee

This committee should comprise of


- Registrar, M.S.Ramaiah University of Applied Sciences
- Principal, M.S.Ramaiah Institute of Nursing Education and Research
- Admission Director, M.S.Ramaiah University of Applied Sciences
- Professor/Associate Professor, M.S.Ramaiah Institute of Nursing Education and Research

Final decision of admission shall be based on admission committee's recommendations


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IV. CURRICULUM

1. Program Structure

First Year M.Sc. Nursing

Sl No.	Course Code	Course Title	Theory Hours	Practical Hours
1	MNC501A	Nursing Education	150	150
2	MNC502A	Advance Nursing Practice	150	200
3	MNC503A	Nursing Research	100	50
4	MNC504A	Statistics	50	50
5	MNC511A	Medical Surgical Nursing	150	650
6	MNC521A	Obstetrics and Gynecological Nursing		
7	MNC531A	Child Health (Paediatric) Nursing		
8	MNC541A	Mental Health (Psychiatric) Nursing		
9	MNC551A	Community Health Nursing		
Total			600	1100

Second Year M.Sc. Nursing

Sl No.	Course Code	Course Title	Theory Hours	Practical Hours
1	MNC601A	Nursing Management	150	150
2	MNP601A	Nursing Research (Dissertation)	-	300
3	MNC611A	Medical Surgical Nursing –Cardio Vascular & Thoracic Nursing	150	950
4	MNC612A	Medical Surgical Nursing –Critical Care Nursing		
5	MNC613A	Medical Surgical Nursing –Oncology Nursing		
6	MNC614A	Medical Surgical Nursing –Neurosciences Nursing		
7	MNC615A	Medical Surgical Nursing –Nephro Urology Nursing		
8	MNC616A	Medical Surgical Nursing –Orthopedic Nursing		
9	MNC617A	Medical Surgical Nursing –Gastro Enterology Nursing		
10	MNC621A	Obstetric and Gynaecological Nursing		
11	MNC631A	Paediatric (Child Health) Nursing		
12	MNC641A	Psychiatric(Mental Health) Nursing		
13	MNC651A	Community Health Nursing		
Total			300	1400
Grand Total			900	2500

Education visit 2 weeks

*Clinical Speciality – Medical Surgical Nursing (Cardio Vascular & Thoracic Nursing, Critical care nursing, Oncology Nursing, Neurosciences Nursing, Nephro-Urology Nursing, Orthopedic Nursing, Gastro Enterology Nursing) Obstetric & Gynaecological Nursing, Child Health (Paediatric) Nursing, mental Health (Psychiatric) Nursing, Community Health Nursing and Psychiatric (Mental Health) Nursing.

Approved by the Academic council at its 27th meeting held on 25th September 2022

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2. Scheme of Examination

1 st year	Theory			Practical		
	Hours	Internal	External	Hours	Internal	External
Nursing Education	3	25	75	-	50	50
Advance Nursing practice	3	25	75	-	-	-
Nursing Research and Statistics	3	25 **	75*	-	-	-
Clinical Speciality-I	3	25	75	-	100	100
Total	3	100	300	-	150	150
2 nd year						
Nursing Management	3	25	75	-	-	-
Dissertation and Viva	-	-	-	-	100	100
Clinical Speciality-II	3	25	75	-	100	100
Total		50	150	-	200	200

* Nursing Research =50 and Statistics = 25

** Nursing Research = 15 and statistics=10

3. Examination Regulations

- Attendance requirements:**

A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical/ clinical in each subject is essential for appearing in the examination.

- Internal Assessment marks:**

- 1) The candidate has to pass separately in internal examination.
- 2) Minimum pass marks shall be 50% in each of the theory and practical papers separately.

- Question paper setting**

The question papers shall be set by two examiners (one internal and one external) and will be moderated by the Professor/ Associate Professor of the department.

- Valuation:**

- ✓ Each answer script shall be evaluated by two evaluators
- ✓ When the difference of marks between the two valutors is 15% or more the script shall be considered for third valuation. The 15% deviation should be calculated with actual marks and later it may be rounded off. For e.g.

Marks	15% deviation	Cut off value
75	11.25	10.5
50	7.5	7.5
25	3.5	3.5

Similar procedure may be adopted for the other papers carrying different maximum marks

- Maximum number of candidates for all practical examination should not exceed 10 per day.
- Provision of Supplementary examination should be made and the university shall conduct the examinations at an interval of not less than 4 to 6 months.

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- All practical examinations must be held in the respective clinical areas.
- One internal and One external examiners (outside the University) should jointly conduct practical examination for each student.
- An examiner should be M.Sc. (N) in concerned subject and have minimum of Five years post graduate teaching experience.
- One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student.
- For Dissertation Internal examiner should be the guide and external examiner should be Nursing faculty / nursing expert in the same clinical speciality holding Ph.D. /M.Phil. /M.Sc. Nursing with a minimum of Three years' experience in guiding the research projects for Post Graduate students of Nursing.

4. Dissertation

- **Guidelines for Dissertation**

Tentative Schedule for dissertation

Sl. No.	Activities	Scheduled Time
1	Submission of the research proposal	End of 9 th month of 1 st year
2	Submission of dissertation - Final	End of 9 th month of 2 nd year

Note: - Administrative approval and ethical clearance should be obtained

- **Research Guides**

a) Qualification of Guide

- **Main guide:** Nursing faculty/nursing expert in the same clinical speciality holding PhD. /M.Phil. /M.Sc. Nursing with a minimum of 3 years' experience in teaching in the Post Graduate Programme in Nursing.
- **Co-Guide:** A Co-Guide is a nursing faculty/expert in the field of study (maybe from outside the college but should be within the city).

b) Guide – Students Ratio

Maximum of 1:4 (including as co-guide)

c) Research Committee

This committee should comprise of

- Principal, Ramaiah Institute of Nursing Education and Research
- Vice-Principal, Ramaiah Institute of Nursing Education and Research
- Professor, Ramaiah Institute of Nursing Education and Research
- Associate Professor, Ramaiah Institute of Nursing Education and Research
- Assistant Professor, Ramaiah Institute of Nursing Education and Research

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V. ASSESSMENT GUIDELINES

1. Formative Assessment Guidelines

The marks distribution of internal assessment is shown below

Theory-25 Marks

1. CONTINUOUS ASSESSMENT: 10 marks

- Attendance – 2 marks (95-100%: 2 marks, 90-94: 1.5 marks, 85-89: 1 mark, 80-84: 0.5 mark, <80: 0)
- Written assignments (Two) – 10 marks
- Seminar/microteaching/individual presentation (Two) – 12 marks
- Group project/work/report – 6 marks Total = 30/3 = 10

2. SESSIONAL EXAMINATIONS: 15 marks

- Three sessional exams per subject

Exam pattern:

Long Essays 2 X 15 marks = 30 marks

Short Essays 4 x 5 marks = 20 marks

50 marks × 3 sessional exams = 150/10 = 15 marks

Practical-100 MARKS (CLINICAL SPECIALITY)

1. CONTINUOUS ASSESSMENT: 40 marks

- Attendance – 2 marks (95-100%: 2 marks, 90-94: 1.5 marks, 85-89: 1 mark, 80-84: 0.5 mark, <80: 0)
- Clinical assignments – 15 marks (Care Plans, Case study, Clinical presentation, Health Education)
- Continuous evaluation of clinical performance – 10 marks
- End of posting OSCE – 5 marks
- Completion of procedures and clinical requirements – 8 marks Total = 40 marks

2. SESSIONAL EXAMINATIONS: 60 marks

- Two sessional examinations per subject

Exam pattern:

OSCE – 20 marks (2-3 hours)

DOP – 40 marks (4-5 hours)

{DOP – Directly observed practical in the clinical setting}

60x2=120

Total - 120/2 = 60


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Practical-50 MARKS (NURSING EDUCATION)

1. CONTINUOUS ASSESSMENT: 50 marks
 - i. Teaching practice – 05 marks
 - ii. Assignments – 20 marks
 - iii. Construction of test – 05 marks
 - iv. Conduct of workshop-10 marks

2. Summative Evaluation Guidelines

The theory question paper pattern and practical exam pattern are shown below

University Theory Question Paper Pattern

- Nursing Education, Advance Nursing Practice and Clinical Specialities: The University exams with 75 marks- 3 hours

Exam pattern

Long Essays	4X15 marks	= 60 marks
Short Essays	3x5 marks	= 15 marks

- Nursing Research and Statistics: Nursing Research should be 50 marks and Statistics 25 marks.

Exam pattern

Section A (50 marks)

Long Essays	2X15 marks	= 30 marks
Short Essays	4 x 5 marks	= 20 marks

Section B (25 marks)

Long Essays	1X15 marks	= 15 marks
Short Essays	2x5 marks	= 10 marks

University Practical Examination – 100 marks

OSCE – 30 marks

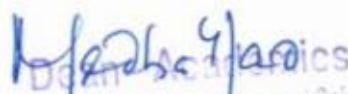
DOP – 70 marks

Practical-50 MARKS (NURSING EDUCATION)

- i. Practice teaching – 25 marks
- ii. Preparation and use of learning resource material – 15 marks
- iii. Preparation of rotation plan - 10 marks



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3. Internal Assessment Improvement

A candidate, who failed in the university exams, wants to improve his/her Internal assessment, shall be eligible for one improvement test before appearing for the supplementary examinations.

4. Criteria for pass

1. 50% pass in each of the theory and practical separately.
2. If the candidate fails in either practicals or theory paper, he/she has to reappear for both the papers (theory and practical).

5. Grading of Performance

For declaring the rank aggregate of 2 years marks to be considered

Grading

50-59% Pass

60-64% Second class

65-74% First class

75% and above is distinction

6. Award of degree

1. The candidate must pass subjects of I and II year M.Sc.(N)
2. A candidate must have 100% attendance in each of the practical areas before award of degree.

7. Carryover benefit

The candidate who fails in first year subject shall be permitted to continue the studies in to the second year. However, the candidate shall not be allowed to appear for second year examination till such time he/she passes all the subjects of first year M.Sc Nursing examination.

8. Extension of course

- Maximum no. of attempts per subject is three (3) inclusive of first attempt.
- The maximum period to complete the course successfully should not exceed 4 years.

VI. CONDUCT AND DISCIPLINE

Conduct


- a) Every student shall conduct himself/herself in a manner befitting his/her association with the University.
- b) He/ She is expected not to indulge in any activity, which is likely to bring disrepute to the University.
- c) He/ She should show due respect and courtesy to the academic staff, faculty members, administrators, officers, and other employees of the University and maintain cordial relationships with fellow students.
- d) Upon request by a student, the University authorities will issue a character and conduct certificate.

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- e) Lack of courtesy and decorum, unbecoming of a student, removal of University property or the belongings of fellow students, disturbing others in their studies, adoption of unfair means during examinations, breach of rules and regulations of the University, noisy and unruly behavior and other similar undesirable activities shall constitute a violation of the code of conduct for students.
- f) **Ragging in any form is strictly prohibited and is considered a serious offence. It may lead to his/her expulsion from the University / Hostel.**
- g) Violation of the code of conduct will invite disciplinary action which may involve punishment ranging from a reprimand, disciplinary probation, fine, debarring from examination(s), withdrawal of placement services and withholding of grades/degrees to cancellation of registration and expulsion from the University.
- h) Based on the reports of the Warden / Manager / Secretary in charge of hostel/s, the Dean may issue a reprimand, impose fines or take any other suitable measures against a resident who violates either the code of conduct or the rules and regulations pertaining to a university hostel or other student residence.
- i) Appropriate authorities of the University may recommend that a student be denied the award of a degree/certificate even if he/she has satisfactorily completed all the academic requirements but is found to be guilty of an offence or offences warranting such extreme action.


Discipline for Students

As a member of the University, a student is expected to conduct himself/herself in an exemplary manner both inside and outside the campus:

Acts of indiscipline include:

- a) Plagiarism, collusion, cheating and dishonesty in academic work.
- b) Damaging or vandalizing any University property, premises, or facilities.
- c) Disrupting or attempting to disrupt any teaching, study, research, administrative, sporting, social, cultural or any other activities of the University.
- d) Disrupting or attempting to disrupt the lawful exercise of freedom of speech by any member, student, employee or visitor of the University.
- e) Obstructing or attempting to obstruct any officer, employee, or representative of the University in the performance of his or her duties.
- f) Defacing, damaging, destroying, or attempting to deface damage or destroy any property of, or in the custody of, the University or of any member, officer, employee, or representative of the University, or knowingly misappropriating such property.
- g) Occupying, using, or attempting to occupy or use any property or facilities of the University except as may be expressly or impliedly authorized by the relevant University authorities.
- h) Forging or falsifying any University certificate or similar document or knowingly make false statements concerning standing or results obtained in examinations.
- i) Engaging in any action, which is likely to cause injury or to impair the safety of any person.
- j) Engaging in violent, indecent, disorderly, threatening, or offensive behavior or using offensive or abusive language.

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- k) Engaging in any dishonest behavior in relation to the University or the holding of any University office.
- l) Disobeying a reasonable instruction given within their authority by any of the University staff.
- m) Refusing to disclose his or her name and/or other relevant details to an officer, an employee or authorized representative of the University in circumstances where it is reasonable to require that that information be disclosed.
- n) Possessing, using, offering, selling, or giving to any person drugs, alcohol, or other banned substances the possession or use of which is illegal.
- o) Engaging in the harassment of any member, visitor, employee, or representative of the University or of any college.
- p) Intentionally or recklessly breaching any regulation relating to the use of the libraries, the information and communications technology facilities, sporting, cultural or other facilities of the University.
- q) Inciting or conspiring with any other person to engage in behaviour or conduct, which amounts to misconduct.
- r) Indulging in ragging in any form within the campus, outside the campus or in hostels. Indulging in ragging will result in rustication from the University. In addition, as declared by the Supreme Court Ragging is a cognizable offence punishable under the Indian Penal code. A police case may be registered against the student and the University authorities will not take any responsibility for any student booked under this provision by law-enforcement authorities.
- s) Indulging in eve-teasing/sexual harassment within the campus, outside the campus, in hostels or other student residences will result in rustication from the University.
- t) Dressing in a manner that is not in keeping with the image, prestige and reputation of the University.
- u) Loitering and throwing litter in the Campus.


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Programme Mapping (Course-PO-PSO Mapping)

FIRST YEAR M.Sc. NURSING

Course Code and name	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
MNC501A Nursing Education	3	2	1	1	3	1	2	3	2
MNC502A Advance Nursing Practice	3	3	3	3	3	1	3	3	2
MNC503A Nursing Research	2	2	1	1	1	3	2	1	2
MNC504A Statistics	2	2	1	1	1	3	2	1	2
MNC511A Medical Surgical Nursing	3	3	3	3	3	1	3	3	2
MNC521A Obstetrics and Gynecological Nursing	3	3	3	3	3	1	3	3	2
MNC531A Child Health (Pediatric) Nursing	3	3	3	3	3	1	3	2	2
MNC541A Mental Health (Psychiatric) Nursing	3	3	3	3	3	1	3	3	2
MNC551A Community Health Nursing	3	3	3	3	3	1	3	3	2

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

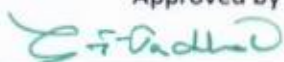


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Programme Mapping (Course-PO-PSO Mapping)

SECOND YEAR M.Sc. NURSING

Course Code and name	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
	PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
MNC601A Nursing Management	3	3	2	2	3	1	2	2	2
MNP601A Nursing Research Dissertation									
MNC611A Medical Surgical Nursing - Cardiovascular & Thoracic Nursing	3	3	3	3	3	1	3	3	2
MNC612A Medical Surgical Nursing - Critical Care Nursing	2	3	3	3	3	1	3	3	2
MNC613A Medical Surgical Nursing - Oncology Nursing	3	3	3	3	3	1	3	3	2
MNC614A Medical Surgical Nursing - Neurosciences Nursing	2	3	3	3	3	1	3	3	2
MNC615A Medical Surgical Nursing - Nephro-Urology Nursing	3	3	3	3	3	1	3	3	2
MNC616A Medical Surgical Nursing - Orthopedic Nursing	3	3	3	3	3	1	3	3	2
MNC611A Medical Surgical Nursing - Gastroenterology Nursing	3	3	3	3	3	1	3	3	2
MNC621A Obstetrics and Gynecological Nursing	3	3	3	3	3	1	3	3	2
MNC631A Child Health (Pediatric) Nursing	3	3	3	3	3	1	3	3	2
MNC641A Mental Health (Psychiatric) Nursing	3	3	3	3	3	1	3	3	2
MNC651A Community Health Nursing	3	3	3	3	3	1	3	3	2

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution


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FIRST YEAR M.Sc. NURSING

NURSING EDUCATION

Course Specifications

Course Title	Nursing education
Course Code	MNC521A
Course Type	Combination course
Department	OBG nursing
Faculty	Nursing

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

Placement: 1 Year Hours of Instruction

Theory : 150 hrs

Practical:150 hrs

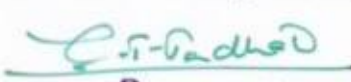
Total : 300 hrs

Course Outcomes

On completion of the course, the students will be able to

CO-1	Explain the aims of education, philosophies and 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	Explain the concept, principles, steps, tools and techniques of evaluation.
CO-6	Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.

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Programme structure and course details of M.Sc. Nursing-2022

CO-7	Critically analyze the existing nursing educational programs, their problems, issues and future trends.
CO-8	Describe the process of curriculum development, the need and methodology of curriculum change, innovation and integration.
CO-9	Plan and conduct continuing nursing education programs.
CO-10	Critically analyse the existing teacher preparation programs in nursing.
CO-11	Demonstrate skill in guidance and counselling
CO-12	Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
CO-13	Explain the planning, organizing and management of nursing educational institutions
CO-14	Explain the development of standards and accreditation process in nursing education programs.
CO-15	Identify research priorities in nursing education.
CO-16	Discuss various models of collaboration in nursing education and services.

COURSE OUTLINE

Unit	Time (Hrs)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
I	10	5	Explain the aims of education, philosophies and trends in education and health: its impact on nursing education	Introduction <ul style="list-style-type: none"> Education: Definition, aims, concepts, philosophies and their educational implications Impact of social, economic, political and technological changes on education: <ul style="list-style-type: none"> Agencies of education 	<ul style="list-style-type: none"> Lecture cum discussion Assignment- Compare and contrast various educational philosophies Seminar on National Educational Policy 	<ul style="list-style-type: none"> Long Essay Evaluation of assignment Evaluation of seminar

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				<ul style="list-style-type: none"> Professional education Current trends and issues in education Educational reforms and National Educational Policy and various educational commission-reports Trends in development of nursing education in India 		
II	20	30	Describe the teaching learning process	<p>Teaching learning process</p> <ul style="list-style-type: none"> Concepts of teaching and learning: Definition, principles of teaching and learning, theories of teaching and learning, relationship between teaching and learning and barriers of teaching and learning Educational aims and objectives; types, domains, levels, elements and writing of educational objectives Latest educational methods: transformational education, experiential learning, reflective learning, blended learning, relationship based education, Competency Based Education(CBE) and Outcome Based Education(OBE) Instructional design: Planning, designing the lesson and writing lesson 	<ul style="list-style-type: none"> Lecture cum discussion Group activity: Conduct panel discussion, nursing rounds and bed side clinic Individual activities: <ul style="list-style-type: none"> Micro teaching Preparation of lesson plan Concept map: teaching and learning theories 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of assignment

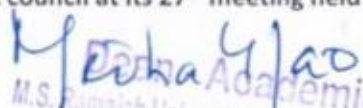


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				<p>plan: meaning, its need and importance and format</p> <ul style="list-style-type: none"> • Instruction strategies: Theory instruction strategy: Lecture, discussion, demonstration, simulation, laboratory, seminar, panel, symposium, problem solving, problem based learning (PBL), workshop, project, role-play (sociodrama), programmed instruction, Self-Directed Learning (SDL), micro teaching, Computer Assisted Instruction (CAI), Computer Assisted Learning (CAL) and innovative teaching strategy • Clinical instruction strategy: patient assignment – clinical conference, clinical presentation/bedside clinic, case study/care study, nursing rounds, concept mapping, project, debate, game, role play, questioning, written assignment and process recording 		
III	1 0	1 0	Prepare and utilize various instructional media and methods in teaching learning process	<p>Instructional media and methods</p> <ul style="list-style-type: none"> • Key concepts in the selection and use of media in education • Developing learning resource material using different media 	<ul style="list-style-type: none"> • Lecture cum discussion • Models • Videos • Activity: Prepare appropriate AV aids 	<ul style="list-style-type: none"> • Long Essay • Short essay • Evaluation of the AV aids prepared


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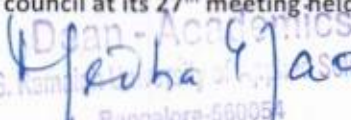
				<ul style="list-style-type: none"> • Instructional aids - types, uses, selection, preparation and utilization • Teacher's role in procuring and managing instructional aids – Projected and non-projected aids, multimedia, video and tele-conferencing 		
IV	1 0	1 0	Explain the concept, principles, steps, tools and techniques of evaluation	Measurement and evaluation <ul style="list-style-type: none"> • Concept and nature of measurement and evaluation, meaning, process, purposes and problems in evaluation and measurement • Principles of assessment, formative and summative assessment-internal assessment, external examination, advantages and disadvantages • Criterion and norm referenced evaluation 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on preparation of various assessment tools 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of assignment
V	1 0	1 0	Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude	Standardized and non-standardized tests <ul style="list-style-type: none"> • Meaning, characteristics, objectivity, validity, reliability, usability and norms • Construction of tests <ul style="list-style-type: none"> • Essay, short answer questions and multiple choice questions • Rating scales, checklist and OSCE/OSPE (Objective structured 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on construction of a test 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment

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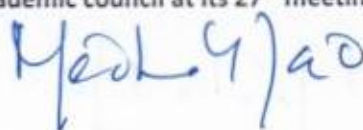

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				<p>clinical/practical examination)</p> <ul style="list-style-type: none"> Differential scales and summated scales, sociometry, anecdotal record, attitude scale and critical incident technique Item analysis Question bank-preparation, validation, moderation by panel and utilization Developing a system for maintaining confidentiality 		
VI	7	7	Develop skill in administration, scoring and reporting test results	<p>Administration, scoring and reporting</p> <ul style="list-style-type: none"> Administering a test; scoring, grading versus marks Objective tests, scoring essay test and methods of scoring 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on preparation of answer key 	<ul style="list-style-type: none"> Short essay Evaluation of assignment
VII	10	7	Develop skill in using various standardized tools	<p>Standardized tools</p> <ul style="list-style-type: none"> Tests of intelligence, aptitude, interest, personality, achievement, socio-economic status scale, tests for special mental and physical abilities and disabilities 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay
VIII	5	6	Critically analyse the existing nursing educational programs, their problems,	<p>Nursing educational programs</p> <ul style="list-style-type: none"> Perspectives of nursing education: Global and national Patterns of nursing education and training programmes in India: Non-university and 	<ul style="list-style-type: none"> Directed reading – INC curriculum Assignment on critical analysis of various nursing 	<ul style="list-style-type: none"> Long essay Evaluation of assignment

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Programme structure and course details of M.Sc. Nursing-2022

			issues and future trends	University programs: ANM, GNM, B.Sc. Nursing, Post Basic B.Sc. Nursing, M.Sc. (N) programs, M.Phil. and PhD in Nursing, post basic diploma programs and nurse practitioner programs	education programmes	
IX	1 0	2 5	Plan and conduct Continuing Nursing Education (CNE) programs	Continuing education in nursing <ul style="list-style-type: none"> • Concepts – Definition, importance, need, scope, principles of adult learning, assessments of learning needs, priorities and resources • Program planning, implementation and evaluation of continuing education programs • Research in continuing education • Distance education in nursing 	<ul style="list-style-type: none"> • Lecture cum discussion • Organize a CNE for Nurses 	<ul style="list-style-type: none"> • Long essay • Short essay • Assessment of skills in planning, organizing and conducting CNE for nurses
X	1 0	1 0	Describe the process of curriculum development, the need and methodology of curriculum change, innovation and integration	Curriculum development <ul style="list-style-type: none"> • 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 and unit plan • Evaluation strategies, process of curriculum change, role of students, faculty, administrators, 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment: <ul style="list-style-type: none"> • Formulation of philosophy and objectives of an educational program • Prepare master plan, course plan and unit plan 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of assignment



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Programme structure and course details of M.Sc. Nursing-2022

				<p>statutory bodies and other stakeholders</p> <ul style="list-style-type: none"> Equivalency of courses: Transcripts and credit system 	<ul style="list-style-type: none"> Prepare a clinical rotation plan 	
XI	8	5	Critically analyse the existing teacher preparation programs in nursing	<p>Teacher preparation</p> <ul style="list-style-type: none"> Teacher-roles and responsibilities, functions, characteristics, competencies and 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 	<ul style="list-style-type: none"> Lecture cum discussion Assignment-Prepare tools for self and peer evaluation Seminar on Preparation of professional teacher 	<ul style="list-style-type: none"> Short essay Evaluation of assignment Evaluation of seminar
XII	10	5	Demonstrate skill in guidance and counselling	<p>Guidance and counselling</p> <ul style="list-style-type: none"> Concept, principles, need, difference between guidance and counselling and trends and issues Guidance and counselling services: diagnostic and remedial Coordination and organization of services Techniques of counselling: Interview, case work, characteristics of counsellor and problems in counselling Professional preparation and training for counselling 	<ul style="list-style-type: none"> Lecture cum discussion Role play on student counselling in different situations Group activity: identifying situations requiring counselling 	<ul style="list-style-type: none"> Short essay Assessment of role play

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E-Indha

Meetha Gao

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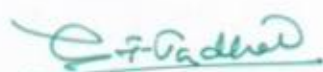
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Programme structure and course details of M.Sc. Nursing-2022

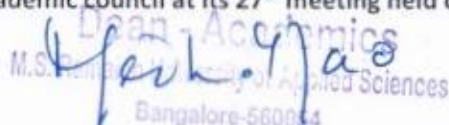
XIII	1 5	1 0	Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience	Administration of nursing curriculum <ul style="list-style-type: none"> • Role of curriculum coordinator—planning, implementation and evaluation • Evaluation of educational programs in nursing course and program • Factors influencing faculty staff relationship and techniques of working together • Concept of faculty supervisor (dual) position • Curriculum research in nursing • Different models of collaboration between education and service 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on critical review of B.Sc. nursing curriculum 	<ul style="list-style-type: none"> • Long Essay • Evaluation of assignment
XIV	1 0	5	Explain the planning, organizing and management of a nursing educational institutions	Management of nursing educational institutions <ul style="list-style-type: none"> • Planning, organizing, staffing, budgeting, recruitment, discipline, public relation, performance appraisal, welfare services, library services and hostel 	<ul style="list-style-type: none"> • Lecture • Assignment: <ul style="list-style-type: none"> • Preparation of organization chart of the college • Preparation of performance appraisal tool for teaching faculty 	<ul style="list-style-type: none"> • Short Essay • Evaluation of assignment
XV	5	5	Explain the development of standards and accreditation process in	Standards and accreditation <ul style="list-style-type: none"> • Development and maintenance of standards and accreditation in nursing education programs 	<ul style="list-style-type: none"> • Lecture and discussion • Field visit to INC/SNRC 	<ul style="list-style-type: none"> • Short Essay • Field visit report

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Programme structure and course details of M.Sc. Nursing-2022

		nursing education programs	<ul style="list-style-type: none"> • Role of Indian Nursing Council (INC), State Registration Nursing Councils (SRNC), boards and university • Role of professional associations and unions 		
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PRACTICUM

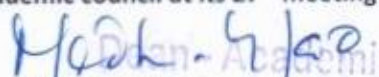
1. Frame philosophy, aims and objectives.
2. Prepare lesson plan.
3. Practice micro teaching-2.
4. Conduct practice teaching using different teaching strategies -10 (like lecture cum discussion, demonstration- lab method, field trips, seminars, symposium, project, role play, panel discussion and clinical methods)
5. Prepare and utilize instructional aids using different media.
6. Develop course plans, unit plans and rotation plans.
7. Conduct a continuing nursing education workshop.
8. Prepare annotated bibliography.
9. Critically evaluate any nursing education program offered by a selected institution.
10. Plan and organize field visits.
11. Construct, administer and evaluate tools (objective and essay type test, observation checklist and rating scale).
12. Observe and practice application of various non-standardized tests (intelligence, aptitude, personality, sociometry and physical and mental disabilities tests).
13. Educational visit- Field visits (INC/SNRC) to get familiar with recognition/registration process.

REFERENCE BOOKS

1. Bastable SB. Nurse as Educator: Principles of Teaching and Learning for Nursing Practice. 5th ed. Burlington: Jones & Bartlett learning; 2019.
2. Billings DM, Halstead J. Teaching in Nursing: A Guide for Faculty. 6th ed. Missouri: Elsevier; 2020.
3. Asthana B. Measurement and Evaluation in Psychology and Education. 2nd ed. Agra: Shri Vinod pustak mandir; 2020.
4. Oermann MH, Shellenbarger T, Gaberson KB. Clinical Teaching Strategies in Nursing. 5th ed. New York: Springer publishing company; 2017.
5. Neeraja KP. Textbook of nursing education. 2nd ed. New Delhi: Jaypee brothers medical publishers (P) Ltd.; 2021.
6. Keating SB, DeBoor SS. Curriculum Development and Evaluation in Nursing Education. 4th ed. New York: Springer publishing company

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Programme structure and course details of M.Sc. Nursing-2022

Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
MNC501A Nursing education	CO 1	3	3	2	2	3	1	2	2	3
	CO 2	3	2	2	3	3	2	2	2	3
	CO 3	3	2	2	3	3	3	3	2	3
	CO 4	3	2	2	3	3	2	3	2	3
	CO 5	3	1	3	3	3	3	3	2	3
	CO 6	3	1	3	3	3	3	3	2	3
	CO 7	3	2	3	3	3	3	3	3	3
	CO 8	3	3	3	3	3	3	3	3	3
	CO 9	3	3	3	3	3	3	3	3	3
	CO 10	3	3	3	3	3	2	3	3	3
	CO 11	3	2	3	3	3	3	3	3	3
	CO 12	3	3	3	3	3	3	3	3	3
	CO 13	3	3	2	3	3	3	2	2	3
	CO 14	3	3	3	3	3	3	3	3	3
	CO 15	3	3	3	3	3	3	3	3	3
	CO 16	3	3	3	3	3	3	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution


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LOG BOOK

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill lab simulation lab	Clinical area	
1.	Curriculum Construction					
	Framing of Philosophy, Aims & Objectives					
	Syllabus / Course planning					
	Unit plan					
	Lesson plan					
	Master plan					
	Clinical rotation <ul style="list-style-type: none"> • Hospital • Community 					
2.	Microteaching					
	1. 2.					
3.	Teaching methods - Class room (any five)					
	Lecture					
	Demonstration					
	Laboratory					
	Simulation					
	Seminar					
	Symposium					
	Panel discussion					
	Problem based learning					
	Role play					
	Computer assisted learning					
4.	Clinical Teaching methods					
	Nursing clinic					

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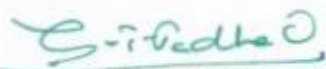
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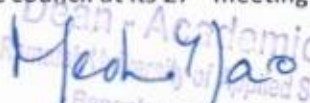
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	Nursing rounds				
	Case analysis				
	Process recording				
	Group health teaching				
5.a.	Preparation of AV aids : (any 3)				
	Printed Aids- handout/pamphlet				
	Poster/Puppets				
	Models				
	Flash cards/ Flip charts				
	Power point				
5.b.	Practical session : Basic computer application				
	use of learning management system (LMS)				
6.	Annotated Bibliography				
	1.				
	2.				
	3.				
7.	Evaluation Tools				
	<ul style="list-style-type: none"> • Preparation of question paper • Blue Print / table of specification • Construct, administer and evaluate question paper: • Objective type • Essay type 				
	<ul style="list-style-type: none"> • Construct, administer and evaluate Clinical Evaluation tool in the form of a. rating scale 				

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	b. Observational check list				
	c. Attitude scale				
	d. OSCE				
	e. Semantic Differential Scale				
	f. Summated scales				
	g. Anecdotal records.				
	• Observe and practice				
	a. Non Standardized test				
	b) Intelligence Test				
	c) Aptitude Test				
	d) Personality Test				
	e) Physical and mental Disability test				
	f) Sociometry				
	g) Item analysis				
8.	Conduct continuing education workshop				
9.	Critical evaluation of an institutional nursing education programme.				
10.	Education visit report				

Teaching Coordinator

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H.O.D

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Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill lab simulation lab	Clinical area	
1.	Curriculum Construction					
	Framing of Philosophy, Aims & Objectives					
	Syllabus / Course planning					
	Unit plan					
	Lesson plan					
	Master plan					
	Clinical rotation <ul style="list-style-type: none"> • Hospital • Community 					
2.	Microteaching					
	1. 2.					
3.	Teaching methods - Class room (any five)					
	Lecture					
	Demonstration					
	Laboratory					
	Simulation					
	Seminar					
	Symposium					
	Panel discussion					
	Problem based learning					
	Role play					

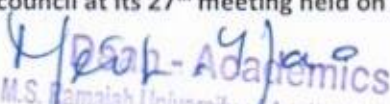
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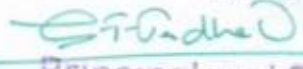
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	Computer assisted learning					
4.	Clinical Teaching methods					
	Nursing clinic					
	Nursing rounds					
	Case analysis					
	Process recording					
	Group health teaching					
5.a.	Preparation of AV aids : (any 3)					
	Printed Aids- handout/pamphlet					
	Poster/Puppets					
	Models					
	Flash cards/ Flip charts					
	Power point					
5.b.	Practical session : Basic computer application					
	use of learning management system (LMS)					
6.	Annotated Bibliography					
	1.					
	2.					
	3.					
7.	Evaluation Tools					
	<ul style="list-style-type: none"> Preparation of question paper Blue Print / table of specification 					

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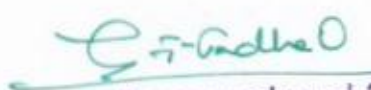

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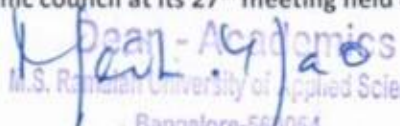
Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> Construct, administer and evaluate question paper: Objective type Essay type 				
	<ul style="list-style-type: none"> Construct, administer and evaluate Clinical Evaluation tool in the form of a. rating scale 				
	b. Observational check list				
	c. Attitude scale				
	d. OSCE				
	e. Semantic Differential Scale				
	f. Summated scales				
	g. Anecdotal records.				
	<ul style="list-style-type: none"> Observe and practice a. Non Standardized test 				
	b) Intelligence Test				
	c) Aptitude Test				
	d) Personality Test				
	e) Physical and mental Disability test				
	f) Sociometry				
	g) Item analysis				
8.	Conduct continuing education workshop				

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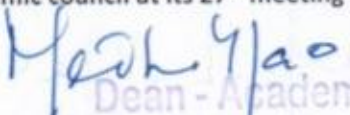
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Programme structure and course details of M.Sc. Nursing-2022

9.	Critical evaluation of an institutional nursing education programme.					
10.	Education visit report					
1.	Curriculum Construction					
	Framing of Philosophy, Aims & Objectives					
	Syllabus / Course planning					
	Unit plan					
	Lesson plan					
	Master plan					
	Clinical rotation <ul style="list-style-type: none"> Hospital Community 					
2.	Microteaching					
	1. 2.					
3.	Teaching methods - Class room (any five)					
	Lecture					
	Demonstration					
	Laboratory					
	Simulation					
	Seminar					
	Symposium					
	Panel discussion					
	Problem based learning					

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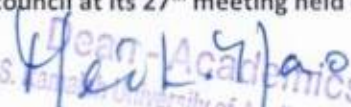
Programme structure and course details of M.Sc. Nursing-2022

	Role play					
	Computer assisted learning					
4.	Clinical Teaching methods					
	Nursing clinic					
	Nursing rounds					
	Case analysis					
	Process recording					
	Group health teaching					
5.a.	Preparation of AV aids : (any 3)					
	Printed Aids-handout/pamphlet					
	Poster/Puppets					
	Models					
	Flash cards/ Flip charts					
	Power point					
5.b.	Practical session : Basic computer application					
	use of learning management system (LMS)					
6.	Annotated Bibliography					
	1.					
	2.					
	3.					
7.	Evaluation Tools					
	• Preparation of question paper					

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Programme structure and course details of M.Sc. Nursing-2022

<ul style="list-style-type: none"> Blue Print / table of specification Construct, administer and evaluate question paper: <ul style="list-style-type: none"> Objective type Essay type 					
<ul style="list-style-type: none"> Construct, administer and evaluate Clinical Evaluation tool in the form of <ol style="list-style-type: none"> rating scale 					
<ol style="list-style-type: none"> Observational check list 					
<ol style="list-style-type: none"> Attitude scale 					
<ol style="list-style-type: none"> OSCE 					
<ol style="list-style-type: none"> Semantic Differential Scale 					
<ol style="list-style-type: none"> Summated scales 					
<ol style="list-style-type: none"> Anecdotal records. 					
<ul style="list-style-type: none"> Observe and practice <ol style="list-style-type: none"> Non Standardized test 					
<ol style="list-style-type: none"> Intelligence Test 					
<ol style="list-style-type: none"> Aptitude Test 					
<ol style="list-style-type: none"> Personality Test 					
<ol style="list-style-type: none"> Physical and mental Disability test 					
<ol style="list-style-type: none"> Sociometry 					
<ol style="list-style-type: none"> Item analysis 					

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Programme structure and course details of M.Sc. Nursing-2022

8.	Conduct continuing education workshop					
9.	Critical evaluation of an institutional nursing education programme.					
10.	Education visit report					

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S. S. Radhakrishnan

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M.S.RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

DEPARTMENT OF OBSTETRIC AND GYNAECOLOGICAL NURSING

M.Sc NURSING

EVALUATION PROFORMA

INDIVIDUAL ASSIGNMENT

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Introduction	1	
2	Content	10	
3	Organization	5	
4	Clarity	4	
5	Conclusion	1	
6	Reference	3	
7	Time of Submission	1	
	Total	25	

SIGNATURE OF THE EVALUATOR

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Mesha Y Rao
Dean - Academics

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M.S.RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.Sc NURSING

SUBJECT: NURSING EDUCATION

EVALUATION FORMAT FOR MICRO TEACHING

Name of the Student :

Topic :

Batch :

Placement :

Date of submission :

Name of Evaluator :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Pre-instructional skills	3	
2	Micro lesson plan	5	
3	Instructional Skills	10	
4	Selection of appropriate A.V.aids	3	
5	Post-instructional skill	3	
6	Time management	1	
	Total	25	


COMMENTS:


SIGNATURE OF THE STUDENT:

SIGNATURE OF THE EVALUATOR

Date:

Date:


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BANGALORE – 54

M.Sc NURSING

DEPARTMENT OF NURSING EDUCATION

DEMONSTRATION EVALUATION FORM

Name of the Student : Student Group :

Placement : Date/Time :

Procedure : Name of the Evaluation:

Sl. No.	Criteria	0	1	2
A	DEMONSTRATION OF PROCEDURES			
1	Preparation of the Unit and Patient			
2	Organization of Articles in Bedside			
3	Adequacy of planning			
4	Dexterity in Handling Articles			
5	Follows Scientific Principles			
6	Involvement of students in procedures			
7	Mastery of Knowledge			
8	Adequate Information and Clarification of Doubts			
9	Neatness in completion of work			
10	Recording in Nurses Chart and Replacement of Articles			
Grand Total : 20				
Marks Obtained				

REMARKS :

SIGNATURE OF THE STUDENT:

Date:

SIGNATURE OF THE EVALUATOR

Date:



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BANGALORE – 54

M.Sc NURSING

SUBJECT : NURSING EDUCATION

EVALUATION CRITERIA FOR CASE ANALYSIS

Name of the Student :

Date of Submission :

Sl. No.	Criteria for Nursing Process	Marks Allotted	Marks obtained
1	History Collection	1	
2	Physical Examination	3	
3	Admission to Recent Investigation	1	
4	Disease condition	2	
5	Comparison between book picture with client picture	2	
6	Nursing care plan with theory application	4	
7	Implementation of care	2	
8	Evaluating the Care	1	
9	Health Teaching	2	
10	Neatness, Completeness	1	
11	Bibliography	1	
	Total	20	

COMMENTS:

SIGNATURE OF THE STUDENT:

Date:

SIGNATURE OF THE EVALUATOR

Date:

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M.Sc NURSING

SUBJECT : NURSING EDUCATION

EVALUATION PROFORMA FOR PROCESS RECORDING

Sl.No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Baseline Data	2	
2.	Objectives	2	
3	Communication (Written Content)	4	
4	Therapeutic Techniques	4	
5	Inference	2	
6	Conclusion	2	
7	Time of submission	4	
TOTAL		20	

SIGNATURE OF THE EVALUATOR

Madhava Rao
M.S. Ramaiah University of Applied Sciences
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S. P. Redha

Principal and Dean

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M.Sc NURSING
SUBJECT : NURSING EDUCATION
EVALUATION PROFORMA FOR ANECDOTAL RECORD

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Baseline data of the student	2	
2	Name of the Observer	1	
3	Criteria's/Procedure used for anecdotal record	4	
4	Description of observation	4	
5	Interpretation	2	
6	Recommendation	4	
7	Signature of the observer	1	
8	Time of submission	2	
TOTAL		20	

SIGNATURE OF THE EVALUATOR


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ADVANCED NURSING PRACTICE

Course Specifications

Course Title	ADVANCED NURSING PRACTICE
Course Code	MNC502A
Course Type	Combination course
Department	ADVANCED NURSING PRACTICE
Faculty	Nursing

COURSE SUMMARY

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

Placement: 1 Year

Practical: 200 hrs


Hours of Instruction

Theory hours :150hours

Total: 350 hrs

CO-1	Appreciate and analyse 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	Review basic concepts of genetics, common genetic disorders, screening methods and the role of nurse in genetic services and counselling.
CO-4	Explain biopsychosocial dynamics of health, lifestyle and health care delivery system.
CO-5	Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
CO-6	Describe scope of nursing practice.
CO-7	Provide holistic and competent nursing care following nursing process approach.
CO-8	Practice effective communication skills among health care team members.
CO-9	Identify latest trends in nursing on the basis of advance nursing practice.
CO-10	Perform extended and expanded role of nurse.
CO-11	Describe alternative modalities of nursing care.
CO-12	Describe the concept of quality control in nursing
CO-13	Identify the scope of nursing research.
CO-14	Use computer in patient care delivery system and nursing practice.
CO-15	Appreciate importance of self-development and professional advancement.

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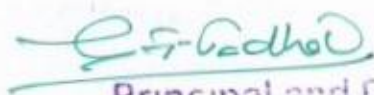
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Programme structure and course details of M.Sc. Nursing-2022

COURSE OUTLINE

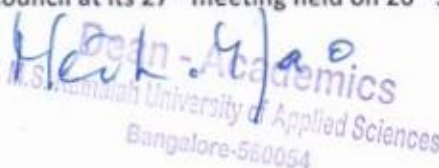
Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	10	<p>Appreciate and analyse the development of nursing as a profession</p> <p>Appreciate importance of self-development and professional advancement</p> <p>Identify the scope of nursing research</p> <p>Describe the concept of quality control in nursing</p>	<p>Nursing as a profession</p> <ul style="list-style-type: none"> History of development of nursing profession, characteristics, criteria of the profession, perspective of nursing profession- National and global Code of ethics (INC), code of professional conduct (INC), autonomy and accountability, assertiveness, visibility of nurses and legal considerations Role of regulatory bodies Professional organizations and unions-self-defence, 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) Nursing audit 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on role of regulatory bodies Organize CNE Visit to regulatory bodies (INC/KSNC) 	<ul style="list-style-type: none"> Long Essay Short essay Seminar Evaluation Field visit report

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> Futuristic nursing 		
II	5	Describe ethical, legal, political and economic aspects of health care delivery and nursing practice	<p>Health care delivery</p> <ul style="list-style-type: none"> Health care environment, economics, constraints, planning process, policies, political process vis a vis nursing profession Health care delivery system- National, state, district and local level Major stakeholders in the health care system- government, non-government, industry and other professionals Patterns of nursing care delivery in India Health care delivery concerns, national health and family welfare programs, inter-sectoral coordination and role of nongovernmental agencies Information, education and communication (IEC) Telemedicine 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on identifying the issues of health care delivery system relevant to nursing 	<ul style="list-style-type: none"> Long essay Evaluation of assignment
III	10	Review basic concepts of genetics, common genetic disorders, screening methods and the role of	<p>Genetics</p> <ul style="list-style-type: none"> Review of cellular division, mutation and law of inheritance, human genome project and the genomic era 	<ul style="list-style-type: none"> Lecture cum discussion Visit to genetic counselling centre 	<ul style="list-style-type: none"> Long Essay Short essay Visit report

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S-T-Adhwa
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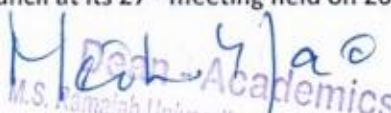
Programme structure and course details of M.Sc. Nursing-2022

		nurse in genetic services and counselling	<ul style="list-style-type: none"> • Basic concepts of genes, chromosomes and DNA • Approaches to common genetic disorders • Genetic testing – basis of genetic diagnosis, pre symptomatic and predisposition testing, prenatal diagnosis and screening, ethical, legal and psychosocial issues in genetic testing • Genetic counselling • Practical application of genetics in nursing • Role of nurse in genetics 		
IV	10	Describe the concept, approaches and application of epidemiology in health care delivery	Epidemiology <ul style="list-style-type: none"> • History, scope, aim epidemiological approach and methods • Morbidity and mortality • Natural history of disease • Concepts of causation of diseases and their screening • Application of epidemiology in health care delivery, Health surveillance, health informatics and uses of epidemiology • Role of nurse 	<ul style="list-style-type: none"> • Lecture cum discussion • Concept mapping- causation of disease • Visit to PHC 	<ul style="list-style-type: none"> • Long essay • Short essay
V	20	Explain bio-psycho- social dynamics of health,	Biopsychosocial pathology	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long Essay • Short essay

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Programme structure and course details of M.Sc. Nursing-2022

		<p>lifestyle and health care delivery system</p>	<ul style="list-style-type: none"> • Pathophysiology and Psychodynamics of disease causation • Life processes, homeostatic mechanism, biological and psycho-social dynamics in causation of disease and lifestyle • Common problems: <ul style="list-style-type: none"> ○ Oxygen insufficiency ○ Fluid and electrolyte imbalance ○ Nutritional problems ○ Haemorrhage and shock ○ Altered body temperature ○ Unconsciousness ○ Sleep pattern and its disturbances ○ Pain ○ Sensory deprivation • Treatment aspects: Pharmacological and pre- post-operative care aspects • Advanced cardiac life support • End of life care • Infection prevention (including HIV), standard safety measures and 	<ul style="list-style-type: none"> • Simulation on-advanced cardiac life support • Concept mapping on disease causation • Visit to biomedical waste management unit • Assignment on application of nursing process on management of patients with common problems 	<ul style="list-style-type: none"> • Visit report • Evaluation of assignment
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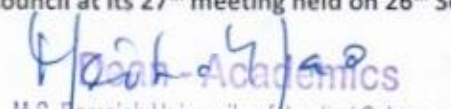
Programme structure and course details of M.Sc. Nursing-2022

			biomedical waste management		
VI	20	Discuss concepts, principles, theories, models, approaches relevant to nursing and their application	Philosophy and theories of nursing <ul style="list-style-type: none"> • Values, Conceptual models and approaches • Importance of nursing theory • 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's and their application • Health belief models, communication and management • Concept of self-health promotion • Evidence based practice model 	<ul style="list-style-type: none"> • Lecture cum discussion • Application of nursing theories in clinical practice 	<ul style="list-style-type: none"> • Long Essay • Short essay • Assessment of theory application
VII	10	Provide holistic and competent nursing care following nursing process approach	Nursing process approach <ul style="list-style-type: none"> • Health Assessment-approaches, illness status of patients/clients (Individuals, family, community), identification of health illness problems, health behaviours, signs and symptoms of clients • Methods of collection, analysis and utilization of data relevant to nursing process 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on health assessment • Clinical practice on health assessment • Index card-common nursing diagnosis 	<ul style="list-style-type: none"> • Long essay • Short Essay • Assessment of skill with checklist

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> Nursing Diagnosis Planning Formulation of nursing care plans, health goals, implementation, modification and evaluation of care Theory application in nursing process 		
VIII	30	Practice effective communication skills among health care team members	<p>Psychological aspects and human relations</p> <ul style="list-style-type: none"> Human behaviour, Life processes, growth and development, personality development and defence mechanisms Communication, interpersonal relationships, individual and group, group dynamics, and organizational behaviour Basic human needs, growth and development, (conception through preschool, school age through adolescence, young and middle adult and older adult) Sexuality and sexual health Stress and adaptation Crisis and its intervention Coping with loss Death and grieving 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on psychological tasks of different age groups Role play -effective communication skills among health care members 	<ul style="list-style-type: none"> Long Essay Short essay Evaluation of assignment

Sri-Vadha
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Maha Gao
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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> Principles and techniques of counselling 		
IX	10	<p>Describe scope of nursing practice</p> <p>Identify latest trends in nursing on the basis of advance nursing practice</p> <p>Perform extended and expanded role of nurse</p> <p>Describe alternative treatment modalities</p>	<p>Nursing practice</p> <ul style="list-style-type: none"> Framework, scope and trends Alternative modalities of care, alternative systems of health and complementary therapies Extended and expanded role of the nurse in promotive, preventive, curative and restorative health care delivery system in community and institutions Health promotion and primary health care Independent practice 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 	<ul style="list-style-type: none"> Lecture cum discussion Panel discussion on gender sensitive issues and women empowerment Mock drill on disaster preparedness Assignment on policies and issues in nursing currently hinder the independent practice of nurses in India 	<ul style="list-style-type: none"> Long Essay Short essay Evaluation of assignment

Gm

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E. Anand
Principal and Dean

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> • Transcultural nursing • Innovations in nursing 		
X	25	Use computer in patient care delivery system and nursing practice	<p>Computer applications for patient care delivery system and nursing practice</p> <ul style="list-style-type: none"> • Use of computers in teaching, learning, research and nursing practice • Windows, MS office: word, excel and PowerPoint • Internet and literature search • Statistical packages • Hospital management information system: Software 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercises on preparation of PPT slides, excel sheets • Participate in data analysis using statistical package • Clinical practice on use of Hospital management information system 	<ul style="list-style-type: none"> • Long Essay • Short essay

PRACTICUM

1. Clinical posting in the following areas:
 - Speciality area- in-patient unit - 2 weeks
 - Community health centre/PHC - 2 weeks
 - Emergency/ICU - 2 weeks
2. Activities
 - Prepare Case studies with nursing process approach and theoretical basis
 - Presentation of comparative picture of theories
 - Family case- work using model of prevention
 - Annotated bibliography
 - Report of field visits (5)

Advance nursing Procedures: Definition, indication and nursing implication

CPR, TPN, hemodynamic monitoring, endotracheal intubation, tracheostomy, mechanical ventilation, pacemaker, haemodialysis, peritoneal dialysis, LP, BT, pleural and abdominal paracentesis ,OT techniques, health assessment, triage and pulse oximetry.

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Programme structure and course details of M.Sc. Nursing-2022

REFERENCE BOOKS

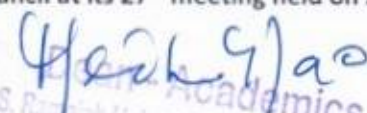
1. Schober M. Introduction to Advanced Nursing Practice: An International Focus. Cham, Switzerland: Springer International Publishing; 2018.
2. Khan Y, Basheer SP. A Concise Textbook of Advanced Nursing Practice. 2nd ed. EMES; 2018.
3. Butts JB, Rich KL. Philosophies and Theories for Advanced Nursing Practice. 4th ed. Sudbury, MA: Jones and Bartlett; 2021.
4. Reddamma GG. Advance Concepts of Nursing Practice. 1st ed. New Delhi: Jaypee Brothers Medical (P) Ltd; 2021.
5. Smith MC, Gullet DL. Nursing theories and nursing practice. 5th ed. Philadelphia: FA Davis; 2020.
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7. Denisco SM, Barker AM. Advanced Practice Nursing. 3rd ed. Burlington: Jones and Bartlett Publishers; 2017.

Course Mapping (CO-PO-PSO Mapping)

Course code and name	Course outcome	Programme outcomes	Programme specific outcome							
			PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
Advance nursing practice MNC502A	CO	PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
	CO1	3	2	3	2	3	2	3	2	2
	CO2	2	1	2	3	2	2	2	1	1
	CO3	1	2	1	1	1	2	1	1	1
	CO4	3	2	3	3	2	3	2	2	2
	CO5	2	3	2	2	2	3	3	2	2
	CO6	2	3	3	3	2	2	3	3	2
	CO7	3	3	2	3	2	2	3	2	2
	CO8	3	2	3	3	3	3	3	3	2
	CO9	3	2	3	3	2	2	3	2	2
	CO10	2	2	3	3	3	2	2	2	2
	C11	2	2	2	3	2	2	2	2	2
	C12	3	2	3	3	3	2	2	2	2
	C13	2	2	2	2	2	3	2	2	2
	C14	2	2	2	3	2	3	2	2	3
C15	2	3	3	3	2	2	2	3	3	

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ADVANCED NURSING PRACTICE

Placement : 1 year M.Sc Nursing

Practicum : 200 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/faculty
				Skill lab simulation lab	Clinical area	
1.	Health assessment					
	Cardiovascular system					
	Respiratory System					
	Gastrointestinal system					
	Neurological system					
	Emergency assessment of trauma					
2.	Advanced Nursing procedures					
	Intensive care unit procedures					
	• ECG Recording and interpretation					
	• Performing blood transfusion					
	• Cardiac monitoring					
	• Care of patient on pacemaker					
	• Care of patient on PICC line					
	• Hemodynamic monitoring ✓ Central venous pressure ✓ Pulmonary artery pressure ✓ Intra-arterial pressure					
• Oxygen administration ✓ Nasal cannula						

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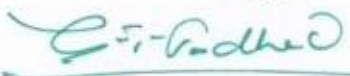

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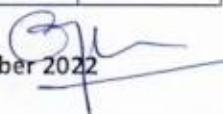
<ul style="list-style-type: none"> ✓ Simple face mask ✓ Venturi mask ✓ High flow 					
<ul style="list-style-type: none"> • Drawing the blood for ABG analysis 					
<ul style="list-style-type: none"> • Suctioning <ul style="list-style-type: none"> ✓ Oropharyngeal ✓ Endotracheal ✓ Tracheostomy 					
<ul style="list-style-type: none"> • Tracheostomy care 					
<ul style="list-style-type: none"> • Care of patient on intercostal drainage 					
<ul style="list-style-type: none"> • Care of patient on non-invasive ventilation <ul style="list-style-type: none"> ✓ C-PAP ✓ Bi-PAP 					
<ul style="list-style-type: none"> • Care of patient on mechanical ventilator 					
<ul style="list-style-type: none"> • Assisting for endotracheal intubation 					
<ul style="list-style-type: none"> • Assisting for thoracentesis 					
<ul style="list-style-type: none"> • Ostomy care 					
<ul style="list-style-type: none"> • Assisting for abdominal paracentesis 					
<ul style="list-style-type: none"> • Assisting for lumbar puncture 					
<ul style="list-style-type: none"> • Care bundles <ul style="list-style-type: none"> ✓ SSI ✓ CAUTI ✓ CLABSI ✓ VAP 					
<ul style="list-style-type: none"> • Care of patient undergoing hemodialysis 					
<ul style="list-style-type: none"> • Care of patient undergoing peritoneal dialysis 					
Emergency procedures					
<ul style="list-style-type: none"> • Triage 					
<ul style="list-style-type: none"> • Advanced cardiac life support 					

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<ul style="list-style-type: none"> Administration of medications <ul style="list-style-type: none"> ✓ Ionotropic agents ✓ Thrombolytic agents 					
<ul style="list-style-type: none"> Gastric lavage 					
OBG procedures					
<ul style="list-style-type: none"> Antenatal assessment 					
<ul style="list-style-type: none"> Postnatal assessment 					
<ul style="list-style-type: none"> Family planning 					
Pediatric procedures					
<ul style="list-style-type: none"> Assessment of malnutrition in under five children 					
<ul style="list-style-type: none"> Immunization 					

CASE STUDY WITH NURSING PROCESS APPROACH AND THEORY APPLICATION

Sl. No	Date	Area /ward	Name of the patient	Diagnosis	Supervisors signature
1	Related to speciality				
2	Related to speciality				
3	Emergency nursing				
4	Intensive care unit				
5	Community area				

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FIELD VISITS

Sl. No	Date	Area	Supervisors signature
1		Professional nursing regulatory bodies	
2		Alternative system of medicine centre	
3		Hospice Centre	
4		Biomedical waste management unit	

PROJECT WORK

Screening for Non-communicable diseases among adults at a selected community area, Bangalore.


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NURSING RESEARCH AND STATISTICS

Course Specifications

Course Title	NURSING RESEARCH AND STATISTICS
Course Code	MNC503A & MNC504 A
Course Type	Core course
Faculty	Nursing

Course Summary

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

Placement: 1 Year

Hours of Instruction

Theory : 150 hrs
 Practical:100 hrs
 Total : 250 hrs

Part-A: Nursing Research


Theory : 100 hrs
 Practical:50 hrs
 Total : 150 hrs

Course Outcomes


On completion of the course, the students will be able to

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.

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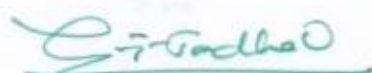

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COURSE OUTLINE

T – Theory, L/SL – Lab/Skill Lab

Unit	Hours		Learning outcome	Content	Teaching / Learning activities	Assessment methods
	T	P				
I	10		Define basic research terms and concepts	Introduction <ul style="list-style-type: none"> • Methods of acquiring knowledge - Problem solving and scientific method • Research – Definition, characteristics, purposes and kinds of research • Historical evolution of research in nursing • Basic research terms • Scope of nursing research: Areas and problems in nursing • Health and social research • Concept of evidence based practice • Ethics in research • Overview of research process 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on identification of research priorities on a given area/speciality 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment
II	5	5	Review literature utilizing various sources	Review of literature <ul style="list-style-type: none"> • Importance, purposes, sources, criteria for selection of resources and steps in reviewing literature 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on reviewing of research report/article • Assignment on preparation of annotated bibliography 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment
III	12		Discuss various research approaches and designs	Research Approaches and designs <ul style="list-style-type: none"> • Type: Quantitative and qualitative • Historical, survey and experimental • Characteristics, types advantages and disadvantages • Qualitative: Phenomenology, grounded theory and ethnography 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay

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IV	10	5	Formulate problem statement	Research problem <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on writing statement of problem and objectives 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
V	5	5	Develop theoretical / conceptual frame work	Developing theoretical/conceptual framework <ul style="list-style-type: none"> • Theories: Nature, characteristics, purpose and uses • Using, testing and developing conceptual framework, models and theories 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
VI	6		Use appropriate sampling methods	Sampling <ul style="list-style-type: none"> • Population and sample • Factors influencing sampling • Sampling techniques • Sample size • Probability and sampling error • Problems of sampling • Characteristics of a good sampling design 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on sample size estimation 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
VII	20	10	Discuss various tools and techniques	Tools and methods of data collection <ul style="list-style-type: none"> • Concepts of data collection • Data sources, methods/techniques quantitative and qualitative • Tools for data collection – types, characteristics and their development • Item analysis • Validity and reliability of tools • Pilot study 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on development of data collection tool 	<ul style="list-style-type: none"> • Long essay • Evaluation of assignment

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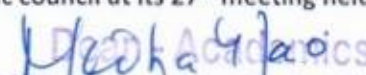
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				<ul style="list-style-type: none"> • Procedure for data collection 		
VIII	5		Conduct a research study	Implementing research plan <ul style="list-style-type: none"> • Research plan (design), planning for data collection, administration of tool/interventions and collection of data 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
IX	10	10	Understand the concepts and process in data analysis and interpretation	Analysis and interpretation of data <ul style="list-style-type: none"> • Plan for data analysis: quantitative and qualitative • Preparing data for computer analysis and presentation • Statistical analysis • Interpretation of data • Conclusion and generalizations • Summary and discussion 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
X	10		Communicate research findings Utilize research findings Write a scientific paper for publication	Reporting and utilizing research findings <ul style="list-style-type: none"> • Communication of research results; oral and written • Writing research report: Purposes, methods and style- Vancouver, American Psychological Association (APA) and Campbell • Standard reporting guidelines • Writing scientific articles for publication: Purposes and style • Utilization of research findings 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment: Writing a scientific paper 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment
XI	3	8	Critically evaluate nursing research studies	Critical analysis of research reports and articles	<ul style="list-style-type: none"> • Lecture cum discussion • Journal club on critical review of research reports 	<ul style="list-style-type: none"> • Short essay • Evaluation of journal club presentation
XII	4	7	Develop a research proposal	Developing and presenting a research proposal	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay • Evaluation of the

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					• Development of research proposal	research proposal.
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ACTIVITIES

1. Annotated Bibliography of research reports and articles
2. Review of literature of selected topic and reporting
3. Formulation of problem statement, objective and hypothesis
4. Developing theoretical/conceptual framework
5. Preparation of a sample research tool
6. Analysis and interpretation of given data
7. Developing and presenting research proposal
8. Journal club presentation
9. Critical evaluation of selected research studies
10. Writing a scientific paper

PART –B: STATISTICS

Theory : 50 hrs

Practical:50 hrs

Total : 100 hrs

PART –B: STATISTICS

On completion of the course, the students will be able to

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.

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COURSE OUTLINE

T – Theory, L/SL – Lab/Skill Lab

Unit	Hours		Learning outcome	Content	Teaching / Learning activities	Assessment methods
	T	P				
I	7	4	Explain basic concepts related to statistics Describe the scope of statistics in health and nursing	Introduction <ul style="list-style-type: none"> • Concepts, types, significance, scope of statistics and meaning of data • Sample and parameter • Type and levels of data and their measurement • Organization and presentation of data – Tabulation of data • Frequency distribution • Graphical and tabular presentations 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on graphical representation and tabulation of data 	<ul style="list-style-type: none"> • Short essay
II	4	4	Describe measures of central tendency and its application	Measures of central tendency <ul style="list-style-type: none"> • Mean, median and mode 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on measures of central tendency 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
III	4	5	Explain measures of variability and its application	Measures of variability <ul style="list-style-type: none"> • Range, percentiles, average deviation, quartile deviation and standard deviation 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on measures of variability 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
IV	3	2	Describe normal distribution and its implication	Normal distribution <ul style="list-style-type: none"> • Probability, characteristics and application of normal probability curve • Sampling error 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
V	6	8	Identify the measures of relationship and its uses	Measures of relationship <ul style="list-style-type: none"> • Correlation – need and meaning • Rank order correlation • Scatter diagram method • Product moment correlation • Simple linear regression analysis and prediction 	<ul style="list-style-type: none"> • Lecture cum discussion • Computation of various measures of relationship 	<ul style="list-style-type: none"> • Long essay

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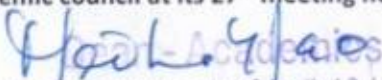
VI	5	2	Explain various research designs	Designs and meaning <ul style="list-style-type: none"> Experimental designs Comparison in pairs, randomized block design and Latin squares 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay
VII	8	10	Use inferential statistics to predict results Draw conclusions of the study and predict statistical significance of the results	Significance of statistic and significance of difference between two statistics (testing hypothesis) <ul style="list-style-type: none"> Non parametric test – Chi-square test, Sign and median test Parametric test – 't' test, ANOVA, MANOVA and ANCOVA Advantage and disadvantages of non-parametric tests Chi-square test, Karl Pearson and Spearman Rho Mann Whitney's "U" test McNemer test, Fisher's exact probability test 	<ul style="list-style-type: none"> Lecture cum discussion Exercise on hypothesis testing 	<ul style="list-style-type: none"> Long essay Evaluation of exercise
VIII	5	5	Explain the use of statistics in psychology and education	Use of statistical methods in psychology and education <ul style="list-style-type: none"> Scaling – Z Score, Z Scaling Standard Score and T Score Reliability of test Scores: Test-retest method, parallel forms and split half method 	<ul style="list-style-type: none"> Lecture cum discussion Exercise on reliability computation 	<ul style="list-style-type: none"> Short essay Evaluation of exercise
IX	4	2	Describe vital health statistics and their use in health related research	Application of statistics in health <ul style="list-style-type: none"> Vital and health statistics Ratios, rates and trends Vital health statistics – Birth and death rates Measures related to fertility, morbidity and mortality 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on vital and health statistics 	<ul style="list-style-type: none"> Short essay Evaluation of assignment
X	4	8	Use statistical packages for data analysis	Use of computers for data analysis <ul style="list-style-type: none"> Use of statistical package Use of computers in research 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on SPSS 	<ul style="list-style-type: none"> Short essay

ACTIVITIES

- Exercises on organization and tabulation of data

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2. Graphical and tabular presentation of data
3. Calculation of descriptive and inferential statistics (chi square, t-test, correlation)
4. Practice in using statistical package
5. Computing vital health statistics

REFERENCE BOOKS

1. Polit DF, Beck CT. Nursing Research generating and assessing evidence for nursing practice. 11th ed. Philadelphia: Wolters Kluwer Health; 2021.
2. Gray JR, Grove SK. The practice of nursing research. 9th ed. Missouri: Elsevier; 2021.
3. Sharma SK. Nursing research and statistics. 3rd ed. New Delhi: Elsevier; 2018.
4. Sreevani R. Basics in nursing research and biostatistics. New Delhi: Jaypee brothers medical publishers (P) ltd; 2019.
5. Dingwall R, Staniland K. Qualitative research methods for nurses. United Kingdom: SAGE publications; 2020.
6. Khanal AB. Mahajan's Methods in Biostatistics for Medical Students and Research Workers. 8th ed. New Delhi: Jaypee Brothers medical publishers (P) ltd; 2018.

Course Mapping (CO-PO-PSO Mapping)

Subject: Section A: Nursing Research

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
MNC503A Nursing Research	CO 1	2	1	1	1	1	3	1	1	1
	CO 2	2	3	1	1	1	3	3	1	3
	CO 3	2	1	1	1	1	3	1	1	1
	CO 4	2	1	1	1	1	3	1	1	1
	CO 5	2	1	1	1	1	3	1	1	1
	CO 6	2	1	1	1	1	3	1	1	1
	CO 7	2	1	1	1	1	3	1	1	1
	CO 8	2	1	1	1	1	3	1	1	1
	CO 9	2	1	1	1	1	3	1	1	1
		Note: Programme outcomes does not explicitly mention research outcome as nurse Researcher								
3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution										

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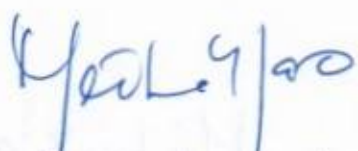
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Subject: Section B: Statistics

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)							
			PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
MNC504A Statistics	CO 1	2	1	1	1	1	3	1	1	1
	CO 2	2	1	1	1	1	3	1	1	1
	CO 3	2	1	1	1	2	3	1	1	1
	CO 4	2	1	1	1	1	3	1	1	1
	CO 5	2	1	1	1	1	3	1	1	1
	CO 6	2	1	1	1	1	3	3	1	1
	CO 7	2	1	1	1	1	3	1	1	1
		Note: Programme outcomes does not explicitly mention research outcome as nurse Researcher								
3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution										


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**LOGBOOK
NURSING RESEARCH**

Sl. No	Specific Procedural competencies/skills	Date	Signature of the teacher
1.	Problem presentation		
2.	Protocol presentation		
3.	Developing theoretical/conceptual frame work		
4.	Review of literature on selected topic		
5.	Preparation of a sample research tool		
6.	Tool construction <ul style="list-style-type: none"> • Blue print • Preparation of tool 		
7.	Pilot study and presentation		
8.	Data collection		
9.	Analysis of Data		
10.	Interpretation of the data		
11.	Dissertation report presentation		
12.	Writing scientific paper		
13.	Critique on research article		
	1)		
	2)		
	3)		
14.	Annotated bibliography		
	1)		
	2)		
	3)		
	4)		
	5)		
15.	Journal Club Presentation		
	1)		
	2)		
	3)		

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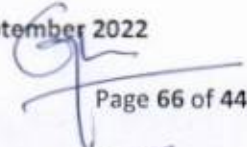


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BIOSTATISTICS

Sl. No	Specific Procedural competencies/skills	Date	Signature of the teacher
1.	Organization and tabulation of data		
2.	Graphical presentation of data.		
3.	Exercise practice of descriptive and inferential statistics		
4.	Practice in using statistical package		


Teaching Coordinator

H.O.D


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Evaluation formats

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

I YEAR M.Sc. NURSING

SUBJECT: NURSING RESEARCH & STATISTICS

CRITICAL REVIEW OF RESEARCH REPORT EVALUATION PROFORMA

Sl. No.	Criteria	Max. Marks	Marks obtained
I	Substantive <ul style="list-style-type: none">• Problem• Literature Review	8	
II	Theoretical <ul style="list-style-type: none">• Study Framework• Objectives & Hypothesis	6	
III	Methodological <ul style="list-style-type: none">• Research Design• Sampling• Data Collection• Measurement Methodology• Statistical Analysis	15	
IV	Ethical	4	
V	Interpretation	7	
VI	Presentation & Style	7	
VII	Time of submission	3	
Total		50	

Remarks:

SIGNATURE OF THE STUDENT

SIGNATURE OF THE EVALUATOR

Yashrajao
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[Signature]

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Programme structure and course details of M.Sc. Nursing-2022

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.Sc NURSING

SUBJECT : NURSING RESEARCH AND STATISTICS

RESEARCH CRITIQUE EVALUATION PROFORMA


Sl. No.	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Identification of Strength and weakness	10	
2.	Justification	10	
3	Objectivity	8	
4	Handling negative comments	5	
5	Alternatives for the identified problems	7	
6	Alignment *	5	
7	Time of Submission	5	
TOTAL		50	

* - Double space, Times New Roman, font size 12 & 500-600 words.

Remarks:

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Programme structure and course details of M.Sc. Nursing-2022

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.Sc NURSING

SUBJECT: NURSING RESEARCH AND STATISTICS

INDIVIDUAL ASSIGNMENT EVALUATION PROFORMA

SL. NO.	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Introduction	3	
2	Content	20	
3	Organization	10	
4	Clarity	8	
5	Conclusion	2	
6	Reference	5	
7	Time of Submission	2	
	Total	50	

Remarks:

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.Sc NURSING

SUBJECT: NURSING RESEARCH AND STATISTICS

SEMINAR EVALUATION PROFORMA

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Introduction	3	
2	Content	20	
3	Organization & presentation	20	
4	Conclusion	2	
5	Reference	3	
6	Time of submission	2	
	Total	50	

Remarks:

SIGNATURE OF THE STUDENT

SIGNATURE OF THE EVALUATOR

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G. R.
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S. R. Radhakrishnan
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MEDICAL SURGICAL NURSING -- 1

Course Specifications

Course Title	Medical Surgical Nursing
Course Code	MNC511A
Course Type	Single Course
Department	Medical Surgical Nursing
Faculty	Nursing

Course Summary

This course is designed for developing an understanding of the modern approach to adult care, identification, prevention and nursing management of common health problems of adult.

PLACEMENT: 1st Year

THEORY : 150 hours

PRACTICUM : Clinical:650 hours

Course Outcomes

On completion of the course, the students will be able to

CO-1	Appreciate the trends and issues in the field of medical-surgical nursing as a speciality.
CO-2	Apply concepts and theories related to health promotion.
CO-3	Appreciate the client as a holistic individual.
CO-4	Perform physical and psychosocial assessment of medical-surgical patients.
CO-5	Apply nursing process 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 and treatment modalities in the management of critically ill patients.
CO-9	Appreciate the legal and 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 and in-service nurses

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Programme structure and course details of M.Sc. Nursing-2022

COURSE OUTLINE

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	5	<p>Appreciate the trends and issues in the field of medical - surgical nursing as a speciality</p> <p>Appreciate the legal and ethical issues relevant to medical- surgical nursing</p>	<p>Introduction</p> <ul style="list-style-type: none"> Historical development of medical-surgical nursing in India Current status of health and disease burden in India Current concept of health Trends and issues in medical-surgical nursing Ethical and cultural issues in medical- surgical nursing National health policy, special laws and ordinances related to older people National goals Five-year plans National health programs related to adult health 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay
II	20	<p>Perform physical and psychosocial assessment of medical-surgical patients</p>	<p>Health assessment of patients</p> <ul style="list-style-type: none"> History taking Physical examination of various systems Nutritional assessment Related investigations and diagnostic assessment 	<ul style="list-style-type: none"> Lecture cum discussion Clinical practice : Head to foot assessment Demonstration on nutritional assessment 	<ul style="list-style-type: none"> Short essay Assessment of skill with checklist
III	5	<p>Apply nursing process in providing care to patients in hospital settings</p>	<p>Care in hospital settings</p> <ul style="list-style-type: none"> Ambulatory care Acute and critical care Long term care Home Health Care 	<ul style="list-style-type: none"> Lecture cum discussion Supervised clinical practice 	<ul style="list-style-type: none"> Short essay

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> • Characteristics, care models, practice settings and interdisciplinary team • Hospitalization- Effects of hospitalization on the patient and family 		
IV	10	<p>Perform physical and psychosocial assessment of patient with gastrointestinal disorders</p> <p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and management of gastrointestinal disorders</p> <p>Apply nursing process in</p>	<p>Management of patients with disorders of gastrointestinal tract</p> <ul style="list-style-type: none"> • Review of anatomy and physiology • Health assessment- History taking, physical examination, investigation and diagnostic assessment • Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends • Nursing management • Related research studies • Evidence based nursing practice • Rehabilitation and follow-up - Upper GI tract disorders: Stomatitis, gingivitis, dental plaques and caries, oral cancer, gastroesophageal reflux disease, and cancer of the oesophagus - Hernia - Gastric and duodenal disorders: Gastritis, peptic ulcer, malabsorption syndrome and gastric cancer - Intestinal and rectal disorders: Appendicitis, peritonitis, inflammatory bowel disease, small bowel obstruction, large 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on GI Assessment • Case vignette • Seminar on management of disorders of gall bladder and pancreas • Supervised clinical practice • Case presentation • Drug presentation 	<ul style="list-style-type: none"> • Long essay • Short essay • OSCE • Assessment of skill with checklist • Evaluation of seminar

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Sri Radha


Maha Yoo
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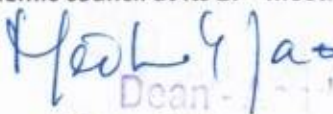
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Programme structure and course details of M.Sc. Nursing-2022

		providing care to patients	<p>bowel obstruction, intestinal perforation, anal fissures, anal fistulas and colorectal cancer</p> <ul style="list-style-type: none"> - Hepatic disorders: Jaundice, cirrhosis of liver, hepatitis and cancer of the liver - Disorders of the gall bladder and pancreas: Cholecystitis, cholelithiasis, acute and chronic pancreatitis and cancer of the pancreas 		
V	10	<p>Demonstrate skill in neurological assessment</p> <p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests and management of disorders of nervous system</p> <p>Apply nursing process in providing care to patients</p>	<p>Management of patients with disorders of nervous system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology • Health assessment: History taking, physical examination, investigation and diagnostic assessment • Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends • Nursing management • Related research studies • Evidence based nursing practice • Rehabilitation and follow-up <ul style="list-style-type: none"> ○ Head Injuries ○ Spinal injuries (Paraplegia, Hemiplegia, Quadriplegia) ○ Spinal cord compression 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on neurological assessment • Case presentation • Seminar on management of movement disorders • Supervised clinical practice • Visit to neuro rehabilitation centre 	<ul style="list-style-type: none"> • Long essay • Short essay • Quiz • Assessment of skill with checklist • OSCE • Evaluation of seminar

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> ○ Herniation of intervertebral disc ○ Tumors of the brain and spinal cord ○ Cerebral aneurysms ○ Meningitis, encephalitis and brain abscess ○ Movement disorders (Chorea, Seizures, Epilepsies) ○ Cerebrovascular Accident (CVA) ○ Cranial, spinal neuropathies (Bell's palsy and trigeminal neuralgia) ○ Guillain-Barre Syndrome and myasthenia gravis ○ Multiple sclerosis, Alzheimer's disease and Parkinson's disease ○ Management of unconscious patient 		
VI	10	<p>Demonstrate skill in respiratory assessment</p> <p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests and management of common respiratory disorders</p>	<p>Management of patients with disorders of respiratory system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology • Health Assessment- History taking, physical examination, investigation and diagnostic assessment • Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends • Nursing management • Related research studies 	<ul style="list-style-type: none"> • Lecture cum discussion • Clinical practice on respiratory assessment • Flipped class room • Supervised clinical practice • Seminar on management of obstructive lung diseases • Demonstration on breathing exercises 	<ul style="list-style-type: none"> • Long essay • Short essay • Quiz • Assessment of skill with checklist • OSCE • Evaluation of seminar

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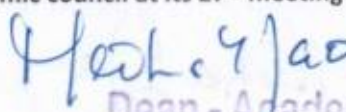
Programme structure and course details of M.Sc. Nursing-2022

		Apply nursing process in providing care to patients	<ul style="list-style-type: none"> Evidence based nursing practice Rehabilitation and follow-up <p>Management of diseases of the lower respiratory tract</p> <ul style="list-style-type: none"> Bronchitis, asthma, emphysema, empyema, atelectasis, Chronic Obstructive Pulmonary Diseases (COPD), bronchiectasis, pneumonia, pulmonary tuberculosis, pneumothorax, lung abscess, pleural effusion, pulmonary edema, pulmonary embolism, respiratory failure, respiratory arrest and lung cancer 		
VII	10	Demonstrate skill in cardiovascular assessment Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests and management of common cardiovascular disorders	<p>Management of patients with disorders of cardiovascular system</p> <ul style="list-style-type: none"> Review of anatomy and physiology Health Assessment- History taking, physical examination, investigation and diagnostic assessment Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis Treatment modalities and trends Nursing Management Related research studies Evidence based nursing practice 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on cardiovascular assessment Supervised clinical practice Seminar on management of valvular disorders of heart Drug presentation BLS module 	<ul style="list-style-type: none"> Long Essay Short essay Quiz Assessment of skill with checklist OSCE Evaluation of seminar


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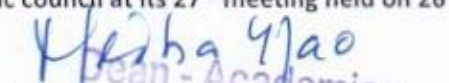
		Apply nursing process in providing care to patients	<ul style="list-style-type: none"> Rehabilitation and follow-up <p><u>Cardiac disorders</u></p> <ul style="list-style-type: none"> Coronary artery diseases: Ischemic heart disease, coronary atherosclerosis, angina pectoris and myocardial infarction Rheumatic heart diseases Valvular disorders of the heart: Prolapse, stenosis and regurgitation Inflammatory diseases of the heart: Endocarditis, pericarditis and myocarditis Cardiomyopathies Cardiac dysrhythmias and heart Block Heart failure Pulmonary hypertension Cardiogenic shock Pericardial effusion and cardiac tamponade Cardiac arrest Advanced cardiac life support (ACLS) <p><u>Vascular disorders</u></p> <ul style="list-style-type: none"> Hypertension Hypotension Raynaud's disease Aneurysm Peripheral vascular disorders 		
VIII	5	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and	<p>Management of patients with disorders of blood</p> <ul style="list-style-type: none"> Review of anatomy and physiology Health assessment: History taking, physical 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on management of bleeding disorders 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of seminar

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Programme structure and course details of M.Sc. Nursing-2022

		<p>management of common disorders of blood</p> <p>Apply nursing process in providing care to patients</p>	<p>examination, investigation and diagnostic assessment</p> <ul style="list-style-type: none"> • Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends • Nursing management • Related research studies • Rehabilitation and follow-up <p>Blood disorders</p> <ul style="list-style-type: none"> ○ Anemia ○ Polycythemia ○ Bleeding disorders; clotting factor defects and platelets defects ○ Thalassemia ○ Leukemia ○ Leukopenia ○ Agranulocytosis ○ Lymphomas ○ Myelomas 	<ul style="list-style-type: none"> • Case discussion • Supervised clinical practice 	
IX	10	<p>Demonstrate skill in urinary assessment</p> <p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests and management of common urinary disorders</p>	<p>Management of patients with disorders of urinary system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology • Health assessment: History taking, physical examination, investigation and diagnostic assessment • Common Disorders: Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on renal replacement therapy • Case vignette • Supervised clinical practice 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of seminar

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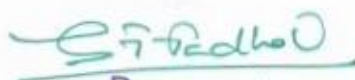
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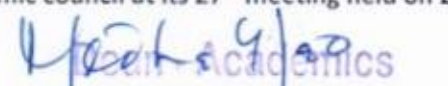
		Apply nursing process in providing care to patients	<ul style="list-style-type: none"> Nursing management Related research studies Rehabilitation and follow-up <p><u>Disorder of the urinary system</u></p> <ul style="list-style-type: none"> Urinary tract infections Nephritis Nephrotic syndrome Hydronephrosis Renal calculi Acute renal failure. Chronic kidney disease and End stage renal disease Tumours of the urinary system <ul style="list-style-type: none"> Dialysis Renal transplantation 		
X	10	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests and management of common endocrine disorders</p> <p>Apply nursing process in providing care to patients</p>	<p>Management of patients with disorders of endocrine system</p> <ul style="list-style-type: none"> Review of anatomy and physiology Health assessment- History taking, physical examination, investigation and diagnostic assessment Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis Treatment modalities and trends Nursing management Related research studies Evidence based nursing practice Rehabilitation and follow-up 	<ul style="list-style-type: none"> Lecture cum discussion Flipped class room Case vignette 	<ul style="list-style-type: none"> Long essay Short essay

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Programme structure and course details of M.Sc. Nursing-2022

			<p><u>Disorder of the endocrine system</u></p> <ul style="list-style-type: none"> ○ Hypothyroidism ○ Hyperthyroidism ○ Diabetes mellitus ○ Diabetes insipidus ○ Hypoglycaemia ○ Addison's disease ○ Cushing's syndrome ○ Pituitary disorders ○ Endocrine Tumors 		
XI	10	<p>Demonstrate skill in Musculoskeletal assessment</p> <p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and management of common musculoskeletal disorders</p> <p>Apply nursing process in providing care to patients</p>	<p>Management of patients with disorders of musculoskeletal system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology • Health assessment- History taking, physical examination, investigation and diagnostic assessment • Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends • Nursing management • Related research studies • Evidence based nursing practice • Rehabilitation and follow-up <p><u>Disorders of the musculoskeletal system</u></p> <ul style="list-style-type: none"> ○ Fractures ○ Osteomalacia ○ Osteoporosis ○ Osteomyelitis ○ Arthritis ○ Gout ○ Paget's disease • Amputation 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration of musculoskeletal assessment • Case presentation • Supervised clinical practice 	<ul style="list-style-type: none"> • Long Essay • Short Essay • Assessment of skill with checklist

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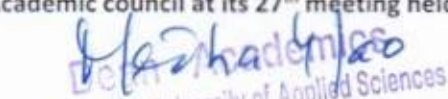
			<ul style="list-style-type: none"> • Prosthesis • Joint replacement surgeries 		
XII	8	<p>Demonstrate skill in assessment of integumentary system</p> <p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests and management of common integumentary disorders</p>	<p>Management of patients with disorders of integumentary system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology • Health assessment- History taking, physical examination, investigation and diagnostic assessment • Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends • Nursing management • Related research studies • Evidence based nursing practice • Rehabilitation and follow-up <p><u>Disorders of integumentary system</u></p> <ul style="list-style-type: none"> ○ Infections and infestations of the skin ○ Dermatitis ○ Dermatoses ○ Acne vulgaris ○ Allergies and eczema ○ Psoriasis ○ Autoimmune diseases of skin ○ Malignant melanoma 	<ul style="list-style-type: none"> • Lecture cum discussion • Video/images 	<ul style="list-style-type: none"> • Short essay
XIII	5	<p>Demonstrate skill in assessment of ear, nose, throat and eye</p>	<p>Management of patients with disorders of ENT and eye</p> <ul style="list-style-type: none"> • Review of anatomy and physiology 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on ENT and EYE assessment 	<ul style="list-style-type: none"> • Long essay • Short essay • Return demonstration

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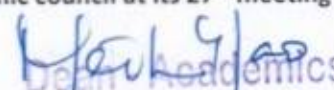
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Programme structure and course details of M.Sc. Nursing-2022

		<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and management of common disorders of ear, nose, throat and eye</p> <p>Apply nursing process in providing care to patients</p>	<ul style="list-style-type: none"> • Health assessment- History taking, physical examination, investigation and diagnostic assessment. • Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis • Treatment modalities and trends • Nursing management • Related research studies • Evidence based nursing practice • Rehabilitation and follow-up <p>Disorders of ENT</p> <ul style="list-style-type: none"> • External ear: Otagia, foreign bodies and tumours • Middle Ear – Impacted wax, tympanic membrane perforation, otitis media, otosclerosis and mastoiditis • Inner ear – Meniere’s Disease, labyrinthitis and ototoxicity, • Upper airway infections – Common cold, sinusitis, rhinitis, pharyngitis, tonsillitis, adenoiditis, peritonsillar abscess and laryngitis • Epistaxis • Nasal obstruction • laryngeal obstruction, • Cancer of the larynx, • Speech defects and speech therapy • Deafness –Prevention, control and rehabilitation 	<ul style="list-style-type: none"> • Case presentation • Drug presentation 	
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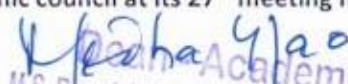
Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> Hearing Aids, implanted hearing devices Disorders of EYE: <ul style="list-style-type: none"> Refractive errors Eyelids-Infection, tumours and deformities Conjunctiva – Inflammation, infection and bleeding Cataract Glaucoma Retinal detachment Blindness National blindness control program Eye Banking Eye prostheses and rehabilitation Role of nurse - Communication with visually impaired patient 		
XIV	8	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests and management of common disorders of the reproductive system	<p>Management of patients with disorders of reproductive system</p> <ul style="list-style-type: none"> Review of anatomy and physiology Health assessment- History taking, physical examination, investigation and diagnostic assessment Common Disorders- Etiology, pathophysiology, clinical manifestations, complications and prognosis Treatment modalities and trends Nursing management Related research studies Evidence based nursing practice Rehabilitation and follow-up 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short Essay

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			<p>Disorders of the female reproductive system</p> <ul style="list-style-type: none"> • Menstrual Disorders: Dysmenorrhea, amenorrhea and premenstrual syndrome • Abnormal uterine Bleeding: Menorrhagia and metrorrhagia • Pelvic Inflammatory Disease • Ovarian cysts and tumours • Uterine and cervical disorders: Endometriosis, polyps, fibroids, cervical and uterine tumours, uterine displacement, cystocele/ urethrocele /rectocele • Disorder of Vagina Infections, cysts, fistulas and tumours • Diseases of breasts: Deformities, infections, cysts and tumours • Menopause and hormonal replacement therapy • Infertility <p>Disorders of the male reproductive system</p> <ul style="list-style-type: none"> • Hypospadiasis • Epispadiasis • Prostate hypertrophy • Sexual Dysfunction • Infertility 		
XV	8	<p>Demonstrate skill in assessment of problems of the elderly</p> <p>Explain the etiology, pathophysiology, clinical</p>	<p>Geriatric nursing</p> <ul style="list-style-type: none"> • Nursing Assessment- History and Physical assessment • Ageing • Demography; Myths and realities • Concepts and theories of ageing 	<ul style="list-style-type: none"> • Lecture cum discussion • Visit to old age home 	<ul style="list-style-type: none"> • Short essay 


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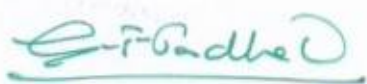

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Programme structure and course details of M.Sc. Nursing-2022

		<p>manifestations, diagnostic tests, and management of common problems affecting the elderly</p>	<ul style="list-style-type: none"> • Cognitive Aspects of Ageing • Normal biological ageing • Age related body systems changes • Psychosocial aspects of ageing • Medications and elderly • Stress and coping in older adults • Common health problems and nursing management: <ul style="list-style-type: none"> ○ Psychosocial and sexual ○ Abuse of elderly ○ Role of nurse for care of elderly: Ambulation, nutrition, communication, psychosocial and spiritual needs • Role of nurse for caregivers of elderly • Role of family, formal and non-formal caregivers • Use of aids and prosthesis (hearing aids, visual aids, aids for mobility, dentures) • Safety issues of elderly -In hospital and at home • Legal and ethical Issues • Provisions and programmes for elderly; privileges, community programs and health services • Home and institutional care 		
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			<ul style="list-style-type: none"> Issues, problems and trends 		
XVI	8	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and management of communicable and sexually transmitted diseases	<p>Management of patients with communicable and sexually transmitted diseases</p> <ul style="list-style-type: none"> Review of immune system Health assessment- History taking, physical examination, investigation and diagnostic assessment Review of infectious disease process Communicable diseases: Etiology, pathophysiology, clinical manifestations, complications and prognosis Treatment modalities and trends Nursing management Related research studies Evidence based nursing practice Rehabilitation and follow-up <p><u>communicable and sexually transmitted diseases</u></p> <ul style="list-style-type: none"> Gonorrhoea Syphilis Skin Infections- Bacterial, viral, and fungal infections Common Disorders of immune system – HIV/AIDS 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on management of communicable diseases 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
XVII	8	Recognize and manage emergencies with medical-surgical patients	<p>Emergency, trauma and multi-system organ failure</p> <ul style="list-style-type: none"> Health Assessment- History taking, physical examination, 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on emergency assessment 	<ul style="list-style-type: none"> Long essay Assessment of skill with checklist

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		<p>investigation and diagnostic assessment</p> <ul style="list-style-type: none"> • Etiology, pathophysiology, Clinical manifestations, complications, prognosis • Treatment modalities and trends • Nursing management • Related research studies • Evidence based nursing practice • Rehabilitation and follow-up • DIC (disseminated intravascular coagulation) • Trauma • Chest pain • Burns • Poisoning • Triage • Medico-legal issues 	<ul style="list-style-type: none"> • Supervised clinical practice 	
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PRACTICUM

Total = 660 hrs

1 Week = 30 hrs

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

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STUDENT ACTIVITIES

1. Clinical presentations
2. History taking
3. Health Assessment
4. Nutritional Assessment
5. Health Education related to disease conditions
6. Case studies
7. Project work
8. Field visits

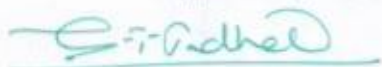
REFERENCE BOOKS

1. Black J, Hawks JH. Textbook of Medical Surgical Nursing: Clinical Management for Positive Outcomes. 8 th ed. New Delhi: Elsevier; 2020.
2. Hinkle LJ, Cheever HK, Overbaugh K. Textbook of Medical Surgical Nursing. 15 th ed. Philadelphia: Wolters Kluwer Health; 2020.
3. Lewis. Textbook of Medical Surgical Nursing: Assessment and Management of Clinical Problems. 4 th ed. New Delhi: Elseveir; 2022.
4. Willis L. Textbook of Medical Surgical Nursing: 6 th ed. J. B. Lippincott & Co; 2018.
5. SGNA. Gastroenterology Nursing: A Core Curriculum: 6 th ed. Society of Gastroenterology Nurses & Associates;2019.

Course Mapping (CO-PO-PSO Mapping)

Course code &Name	Course code &Name	Programme Outcomes (POS)	Programme specific Outcomes(PSOs)							
			PO1	PS01	PS02	PS03	PS04	PS05	PS06	PS07
MNC511 Medical Surgical Nursing-1	C01	2	1	1	2	1	2	2	2	2
	C02	2	2	2	1	2	2	2	2	2
	C03	3	3	2	1	3	1	2	2	2
	C04	3	3	2	2	2	2	3	2	2
	C05	3	2	1	2	2	2	3	3	2
	C06	1	1	2	1	2	2	3	2	2
	C07	2	3	3	3	3	3	3	3	2
	C08	2	2	1	1	2	1	2	2	2
	C09	3	2	2	1	1	2	2	1	1
	CO10	1	2	2	2	1	1	2	2	2
	CO11	2	1	2	2	2	2	3	3	2
	CO12	2	1	2	2	2	2	1	2	2
	CO13	1	2	1	2	2	2	3	2	2
	CO14	2	2	2	1	2	3	3	1	2

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Log book

CLINICAL SPECIALITY -I
MEDICAL SURGICAL NURSING

Placement : 1 year M.Sc Nursing

Practicum : 650 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1.	Respiratory system					
	• Respiratory assessment					
	• Drawing blood for ABG analysis					
	• Care of patient on intercostal drainage					
	• Performing postural drainage					
	• Performing chest physiotherapy					
	• Oxygen administration <ul style="list-style-type: none"> ○ Nasal cannula ○ Simple face mask ○ Venturi mask ○ High flow 					
	• Assisting in pulmonary function test					
	• Performing nebulization					
	• Tracheostomy care <ul style="list-style-type: none"> ○ Suctioning <ul style="list-style-type: none"> ✓ Oropharyngeal ✓ Endotracheal ✓ Tracheostomy 					
	○ Care of patient on non-invasive ventilation <ul style="list-style-type: none"> ✓ C-PAP ✓ Bi-PAP 					
	○ Care of patient on mechanical ventilator					
	○ Assisting for endotracheal intubation					

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	<ul style="list-style-type: none"> ○ Care bundles <ul style="list-style-type: none"> ✓ SSI ✓ CAUTI ✓ CLABSI ✓ VAP 				
	○ Assisting for thoracentesis				
	○ Preparation of the patient for bronchoscopy				
	○ Perioperative care in patient undergoing thoracic surgery				
	<ul style="list-style-type: none"> ○ Patient teaching <ul style="list-style-type: none"> ✓ Breathing exercises ✓ Use of incentive spirometer 				
02	Cardiovascular system				
	• Cardiovascular assessment				
	• ECG Recording and interpretation				
	• Performing blood transfusion				
	• Cardiac monitoring				
	• Care of patient on pacemaker				
	• Care of patient on PICC line				
	<ul style="list-style-type: none"> • Hemodynamic monitoring <ul style="list-style-type: none"> ○ Central venous pressure ○ Pulmonary artery pressure ○ Intra-arterial pressure 				
	• Assisting in echocardiography				
	• Assisting in Treadmill/stress test				
	• Assisting in angiography				
	• Assisting in cardiac catheterization				
	• Assisting in coronary angioplasty				

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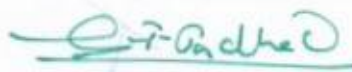

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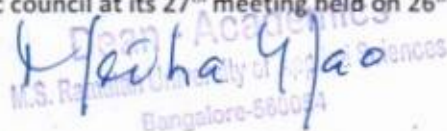
Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> Assisting in bone marrow biopsy 					
	<ul style="list-style-type: none"> Assisting in doppler studies 					
	<ul style="list-style-type: none"> Perioperative care in patient undergoing cardio-vascular surgeries 					
	<ul style="list-style-type: none"> Advanced cardiac life support 					
	Patient Teaching on a) Modifiable Risk Factors in cardiac patients b) Diet for hypertensive patients					
3.	Gastro-intestinal system					
	<ul style="list-style-type: none"> Gastrointestinal assessment 					
	<ul style="list-style-type: none"> Gastric intubation and feeding <ul style="list-style-type: none"> Nasogastric Gastrostomy Jejunostomy 					
	<ul style="list-style-type: none"> Ostomy care 					
	<ul style="list-style-type: none"> Gastric lavage 					
	<ul style="list-style-type: none"> High bowel wash 					
	<ul style="list-style-type: none"> Preparing the patient for endoscopy <ul style="list-style-type: none"> OGD Gastroscopy Enteroscopy ERCP Colonoscopy Sigmoidoscopy 					
	<ul style="list-style-type: none"> Care of surgical drains 					
	<ul style="list-style-type: none"> Assisting for abdominal paracentesis 					
	<ul style="list-style-type: none"> Collection of GI tract specimens 					
	<ul style="list-style-type: none"> Perioperative care of patient undergoing gastrointestinal surgery 					

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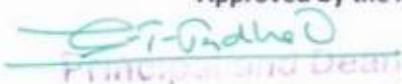
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4.	Endocrine system				
	• Endocrine assessment				
	• Patient counselling on: <ul style="list-style-type: none"> ○ Diabetic diet ○ Blood glucose measurement ○ Self-administration of insulin ○ Diabetic foot care 				
	• Oral glucose tolerance test				
	• Insulin pump therapy				
	• Thyroid function test				
	• Perioperative care of patient undergoing endocrine surgery				
	• Patient teaching on diabetic diet				
5.	Urinary system				
	• Assessment of urinary system				
	• Performing urinary catheterization (male and female)				
	• Care of patient on urinary catheter				
	• Bladder irrigation				
	• Maintaining intake -output chart				
	• Care of patient undergoing hemodialysis				
	• Care of patient undergoing peritoneal dialysis				
	• Teaching the patient about renal diet				
	• Perioperative care of patient undergoing urinary surgery				
	• Patient teaching on renal diet for CKD patients				
6.	Nervous system				

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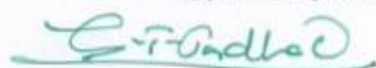

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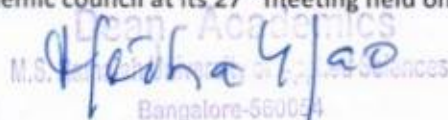
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	<ul style="list-style-type: none"> • Neurological assessment 					
	<ul style="list-style-type: none"> • Glasgow Coma Scale 					
	<ul style="list-style-type: none"> • Care of unconscious patient 					
	<ul style="list-style-type: none"> • Care of patient with increased ICP 					
	<ul style="list-style-type: none"> • Care of patient with skull traction 					
	<ul style="list-style-type: none"> • Assisting in EEG 					
	<ul style="list-style-type: none"> • Assisting in lumbar puncture 					
	<ul style="list-style-type: none"> • Assisting in EMG 					
	<ul style="list-style-type: none"> • Preparing the patient for CT scan 					
	<ul style="list-style-type: none"> • Preparing the patient for MRI 					
	<ul style="list-style-type: none"> • Perioperative care in patient undergoing neuro surgeries 					
7.	Musculo-skeletal system					
	<ul style="list-style-type: none"> • Musculo-skeletal assessment 					
	<ul style="list-style-type: none"> • Assisting in arthroscopy 					
	<ul style="list-style-type: none"> • Application and care following POP 					
	<ul style="list-style-type: none"> • Application and care following skin traction 					
	<ul style="list-style-type: none"> • Application and care following skeletal traction 					
	<ul style="list-style-type: none"> • Patient teaching: <ul style="list-style-type: none"> ○ Range of motion exercises ○ Crutch walking ○ Use of walker 					
	<ul style="list-style-type: none"> • Stump care 					
	<ul style="list-style-type: none"> • Perioperative care in patient undergoing orthopedic surgeries 					
8.	Integumentary system					
	<ul style="list-style-type: none"> • Assessment of integumentary system 					
	<ul style="list-style-type: none"> • Assessing the severity of 					

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	burns					
	• Wound dressing					
	• IV access in burns patient					
	• Fluid and electrolyte management in burns patient					
	• Perioperative care in patient undergoing reconstructive surgeries					
9.	Oncology					
	• Assessment					
	• Administration of chemotherapy medications					
	• Assisting in radiation therapy					
	• Patient education					
	• Perioperative care in patient undergoing surgeries					
10.	Reproductive system					
	• Assessment					
	• Breast self-examination					
	• Counseling on infertility					
	• Post mastectomy exercises					
	• Perioperative care of patient undergoing surgeries					
11	E.N.T and EYE					
	• Assessment					
	• Ear irrigation					
	• Eye irrigation					
	• Perioperative care of patient undergoing surgeries					
12	Nutrition					
	• Nutritional assessment in critically ill patients					

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Programme structure and course details of M.Sc. Nursing-2022

PHYSICAL ASSESSMENT

Sl. No	Topic	Date	Area /ward	Name of the patient / IP No	Diagnosis	Supervisors signature
1	Cardiovascular					
2	Respiratory					
3	Gastro-intestinal					
4	Neurological					
5	Orthopedic					

NURSING PROCESS APPROACH AND THEORY APPLICATION

Sl. No	Date	Area /ward	Name of the patient / IP No	Diagnosis	Supervisors signature
1					
2					
3					
4					
5					

CASE STUDY WITH PRESENTATION

Sl. No.	Date	Area /ward	Name of the patient / IP No	Diagnosis	Supervisors signature
1					
2					

FIELD VISITS

Sl. No.	Date	Area	Supervisors signature
1		Infertility Clinic	
2		Ortho and neuro rehabilitation center	

Teaching Coordinator

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H.O.D

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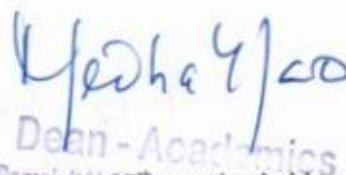
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CLINICAL REQUIREMENTS

Sl.No.	Clinical requirement	Numbers	Date	Signature of Faculty
1	Physical Assessment (History taking, physical examination and Nutritional assessment)	5		
2	Case study with Presentation	2		
3	Application of Nursing Process	5		
4	Procedure Demonstrations	2		
5	Field visit	2		
6	Drug Book	1		


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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

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SUBJECT : MEDICAL SURGICAL NURSING

PHYSICAL ASSESSMENT EVALUATION PROFORMA

Name of the Student : _____ Area : _____
 Batch : _____ Date & time of submission : _____
 Placement : _____ Date of submission : _____

Sl. No.	Points to evaluate	Excellent	Very good	Average	Poor	Very poor
		5	4	3	2	1
1.	Collects base line data					
2.	Develops rapport with client & family					
3.	Recognizes the chief complaints of client					
4.	Collects past medical & Surgical History of the client					
5.	Depicts Family Genogram correctly					
6.	Makes Relevant observations					
7.	Review of symptoms					
8.	Physical examination Head to Toe assessment					
9.	Analyses of the data collected					
10.	Identifies needs & problems of the client & formulates nursing diagnosis					
Total -50						

GENERAL COMMENTS:

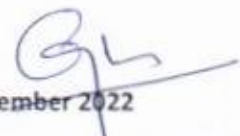
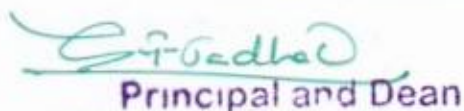
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SIGNATURE OF THE EVALUATOR

DATE :

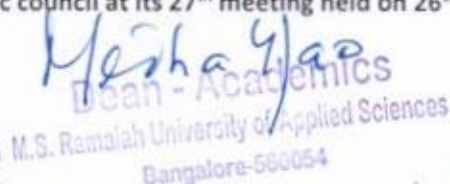
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M.S.RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : MEDICAL SURGICAL NURSING

CASE STUDY WITH PRESENTATION EVALUATION FORMAT

Name of the Student :

Clinical Diagnosis :

Placement :

Date and Time :

Ward :

Evaluation :

Sl. No.	Criteria	Excellent	Very good	Average	Poor	Very poor
		5	4	3	2	1
1	Introduction					
2	History, Physical examination & Review system					
3	Adequacy of content and Logical in order					
4	Clarify of Presentation					
5	A.V.Aids used					
6	Nursing Care plan					
7	Entertaining discussion and Completeness of the topic					
8	Personal and Professional behaviour					
9	Conclusion					
10	Bibliography					
	Total					

COMMENTS:

SIGNATURE OF THE STUDENT:

SIGNATURE OF THE EVALUATOR

Date:

Date:

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Srinidhi
Principal and Dean

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Medha Y Rao
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : NURSING FOUNDATION

CARE PLAN EVALUATION FORMAT

Name of the Student :

Clinical Diagnosis :

Batch :

Date & Time of submission :

Placement :

Evaluation :

Area of word :

Sl. No.	Criteria	Excellent	Very good	Average	Poor	Very poor
		5	4	3	2	1
1	Introduction					
2	Assessment					
a	History taking & Physical examination					
b	Nutritional assessment					
c	Investigation and treatment					
3	Nursing care plan					
a	Identifying and prioritizing the client needs and Framing of Nursing diagnosis					
b	Planning and implementation of care					
c	Evaluation of care given					
d	Health education					
4	Summary of patient care					
5	Bibliography					
	Total					

COMMENTS:

SIGNATURE OF THE STUDENT:

SIGNATURE OF THE EVALUATOR

Date:

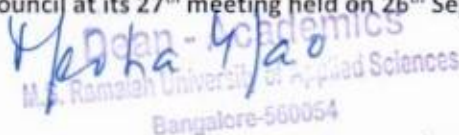
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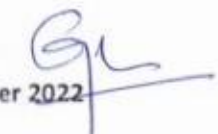
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M.Sc NURSING

SUBJECT: MEDICAL SURGICAL NURSING

CLINICAL DEMONSTRATION EVALUATION FORM

Name of the Student : Student Group :
 Placement : Date/Time :
 Procedure : Name of the Evaluation:

Sl. No.	Criteria	0	1	2
A	DEMONSTRATION OF PROCEDURES			
1	Preparation of the Unit and Patient			
2	Organization of Articles in Bedside			
3	Adequacy of planning			
4	Dexterity in Handling Articles			
5	Follows Scientific Principles			
6	Involvement of students in procedures			
7	Mastery of Knowledge			
8	Adequate Information and Clarification of Doubts			
9	Neatness in completion of work			
10	Recording in Nurses Chart and Replacement of Articles			
Grand Total : 20 Marks Obtained				

REMARKS :

SIGNATURE OF THE STUDENT:

SIGNATURE OF THE EVALUATOR

Date:

Date:

Meha Rao

G

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S. S. Anand
Principal and Dean

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M.Sc NURSING

SUBJECT: MEDICAL SURGICAL NURSING

EVALUATION FORM OBSERVATION REPORT

NAME OF THE STUDENT :

AREA OF VISIT :

DATE OF SUBMISSION :

Sl. No.	Content	Marks Distributed	Marks Obtained
1.	Introduction	01	
2.	Objectives	02	
3.	Functions/ services (major activities)	02	
4.	Physical layout	01	
5.	Staffing pattern	01	
6.	Learning experience through visit	02	
7.	Summary/ conclusion	01	
	Total	10	

Signature of the Evaluator

Signature of the student

M. S. Ramaiah
Dean - Academics

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GL

S. R. Badhe
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BANGALORE – 54

MEDICAL SURGICAL NURSING

EVALUATION CRITERIA FOR DRUG BOOK

Topic : Date :
Presented by : Time :
Evaluated by : Ward :

Sl. No.	Criteria for Nursing Process	Marks Allotted	Marks obtained
1	Name of the drug – Trade Name, Generic Name	1	
2	Classification	1	
3	Mechanism of Action and Pharmacokinetics	3	
4	Dosage (Adults and Children)	2	
5	Rote of Administration	1	
6	Indications and Contraindication	3	
7	Adverse reactions/ Side effects	3	
8	Nursing implication	4	
9	Bibliography	2	
	Total	20	

COMMENTS:

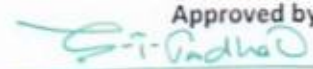
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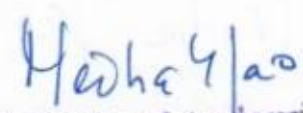
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BANGALORE – 54

SUBJECT: NURSING FOUNDATION

HEALTH EDUCATION EVALUATION FORMAT

Name of the Student :

Topic :

Date & Time :

Placement :

Evaluator :

Area of Ward :

Sl. No.	Criteria	Excellent	Very good	Average	Poor	Very poor
		5	4	3	2	1
I	PLANNING					
1.	Objectives clear & appropriate					
2	Selection, sequence and adequacy of subject matter					
3	Selection of topic based on the needs of the client					
II	PRESENTATION					
1.	Introduction- relevant and motivating					
2	Observes principles of teaching and learning					
3	Explanation – clear, adequate and confident					
4	Uses appropriate A.V.aids					
5	Encourages group involvement					
6	Confined to the time limit					
7	Evaluate and clarify the doubts					
	Total					

REMARKS :


SIGNATURE OF THE STUDENT


SIGNATURE OF THE EVALUATOR

DATE:

DATE :

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M.Sc NURSING

SUBJECT : MEDICAL SURGICAL NURSING – II

EVALUATION PROFORMA FOR PROJECT WORK

Name of the Student :

Name of the Evaluator:

Date of Presentation :

Topic :

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Physical arrangement	2	
2	Selection of Topic	2	
3	Objectives	3	
4	Content : Appropriate, Clear & Adequate	5	
5	Method of Teaching	2	
6	A.V.Aids	2	
7	Work Session/Discussion	2	
8	Time Management	2	
	TOTAL	20	

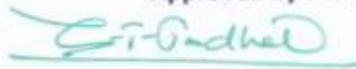
REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE EVALUATOR

DATE:

DATE :


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M.Sc NURSING

SUBJECT : MEDICAL SURGICAL NURSING

SEMINAR EVALUATION FORMAT

Name of the Student:

Date :

Course:

Time :

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	INTRODUCTION: a. Appropriate b. Interesting					
2	CONTENT: a. Relevant b. Adequate c. Organization d. Depth of knowledge e. Recent advancement					
3	PRESENTATION: a. Voice audible b. Clarity c. Modulation d. Confidence e. Posture & language					
4	A.V.AIDS: a. Appropriate b. Preparation c. Visibility d. Proper usage					
5	BIBLIOGRAPHY: a. Books b. Journals c. Research studies d. Others					
	TOTAL					

COMMENTS:

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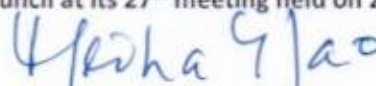


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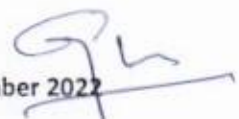
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SUBJECT : MEDICAL SURGICAL NURSING
ASSIGNMENT EVALUATION FORMAT

Name of the Student : Year :
Date & Time of Submission : Topic :
Evaluator :

Sl. No.	Criteria	Marks Allotted	Marks Obtained
1	Introduction	5	
2	Organization Sequence of content	6	
3	Comprehensiveness	10	
4	Relevance	6	
5	Creativity and illustration	6	
6	Research support	5	
7	Neatness	4	
8	Time of Submission	4	
9	Reference	4	
	Total	50	

COMMENTS:

SIGNATURE OF THE EVALUATOR

Meha Yadav
Dean - Academics

GR

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S. S. Radhakrishnan

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT :MEDICAL SURGICAL NURSING

CLASS ROOM PRESENTATION EVALUATION FORMAT

Name of the Student:

Date :

Placement:

Time :

Topic:


Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	INTRODUCTION: a. Appropriate & Interesting					
2	CONTENT: a. Relevant b. Adequate c. Organization d. Recent advancement					
3	PRESENTATION: a. Voice audible b. Clarity c. Modulation d. Confidence e. Mastery of subject f. Management of class g. Student participation					
4	A.V.AIDS: a. Selection b. Preparation c. Principles d. Proper usage					
5	Summary & Conclusion					
6	BIBLIOGRAPHY: a. Books b. Journals c. Research studies					
	TOTAL					

COMMENTS:

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Obstetrics and Gynecological Nursing-I

Course Specifications

Course Title	Obstetrics and Gynecological Nursing
Course Code	MNC521A
Course Type	Combination course
Department	OBG nursing
Faculty	Nursing

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

Placement: 1 Year

Theory : 150 hrs
 Practical:650 hrs
 Total : 800 hrs

On completion of the course, students will be able to

CO-1	Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a speciality
CO-2	Describe the population dynamics and indicators of maternal and child health.
CO-3	Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labour and puerperium.
CO-4	Provide comprehensive nursing care to women during reproductive period and newborns.
CO-5	Integrate the concepts of family centred nursing care and nursing process approach in obstetric and gynaecological nursing.
CO-6	Identify and analyze the deviations from normal birth process and refer appropriately.
CO-7	Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.
CO-8	Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.
CO-9	Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing.
CO-10	Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing.
CO-11	Describe the recent advancement in contraceptive technology and birth control measures.
CO-12	Understand infertility, diagnostic procedures and assisted reproductive technology (ART).
CO-13	Describe the assessment and management of menopausal women.
CO-14	Describe the types, causes of abortion and abortion procedures.

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Programme structure and course details of M.Sc. Nursing-2022

CO-15	Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing.
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COURSE OUTLINE

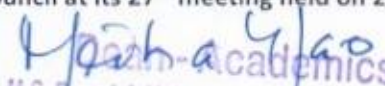
Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	10	Discuss about MCH problems and various National health and family welfare programs	Introduction <ul style="list-style-type: none"> Historical and contemporary perspectives Epidemiological aspects of maternal and child health Magnitude of maternal and child health problems Factors influencing maternal and child health: Age, Gender, Sexuality, Psycho Socio cultural factors Preventive obstetrics National health and family welfare programmes related to maternal and child health: health care delivery system National Rural health mission and Role of NGO's Theories, models and approaches 	<ul style="list-style-type: none"> Discussion Seminar on Preventive obstetrics Assignment on compare and contrast the scope of independent nurse midwifery practitioners in India 	<ul style="list-style-type: none"> Short Essay Evaluation of seminar Evaluation of assignment

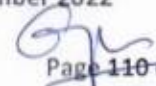
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Programme structure and course details of M.Sc. Nursing-2022

			<p>applied to midwifery practice</p> <ul style="list-style-type: none"> • Role and scope of midwifery practice: Independent Nurse midwifery practitioner • Legal and Ethical issues: Code of ethics, standards of midwifery practice and standing orders • Evidence based midwifery practice • Research priorities in obstetric and gynaecological nursing 		
II	15	Review the anatomy and physiology of human reproductive system.	<p>Human Reproduction</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of human reproductive system: male and female • Reproductive endocrinology • Embryology • Genetics, teratology and counselling • Clinical implications • Human sexuality and sexual behaviour 	<ul style="list-style-type: none"> • Lecture • Discussion • Self-directed learning: sexual behaviour • Models • Videos 	<ul style="list-style-type: none"> • Short essay
III	25	Understand the physiological and	<p>Pregnancy</p> <ul style="list-style-type: none"> • Maternal adaptation: 	<ul style="list-style-type: none"> • Lecture • Discussion 	<ul style="list-style-type: none"> • Long Essay

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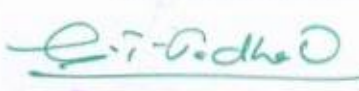

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Programme structure and course details of M.Sc. Nursing-2022

	<p>psychological adaptations during pregnancy</p>	<p>Physiological and psychosocial</p> <ul style="list-style-type: none"> Assessment – Maternal and foetal measures Maternal measures: History taking, examination - General, physical and obstetrical measure and identification of high risk Foetal measure-clinical parameters, biochemical-human estriol, Maternal Serum Alfa Feto Protein, Acetyl Choline esterase, (AchE), Triple Test Amniocentesis, Cordocentesis and chorionic villus sampling (CVS) Biophysical- (US IMAGING, Foetal movement count, Ultra Sonography, Cardiotocography, cardiotomography, Non-Stress Test (NST), 	<ul style="list-style-type: none"> Demonstration of antenatal assessment Case discussion / presentation Supervised clinical practice SBA module Drug presentation 	<ul style="list-style-type: none"> Assessment of skills with check list OSCE
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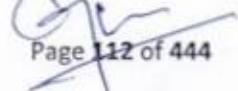


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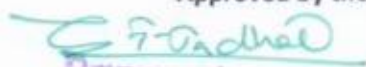
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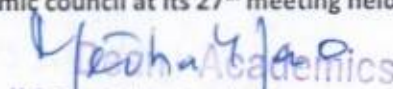
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			<p>Contraction stress test (CST), Aminoscropy and Foetoscopy</p> <ul style="list-style-type: none"> • Radiological examination • Interpretation of diagnostic tests and Nursing implications • Nursing management of the pregnant women, minor disorders of pregnancy and management, preparation for child birth and parent-hood, importance of institutional delivery, choice of birth setting, Various child birth practice: water birth, position change, importance and mobilizing of transportation, prenatal counselling, role of nurse and crisis intervention, identification of high-risk pregnancy and refer • Alternative/complementary therapies 		
IV	25	Describe the concepts of	Normal Labour and Nursing Management	<ul style="list-style-type: none"> • Lecture • Discussion 	<ul style="list-style-type: none"> • Long Essay

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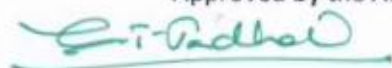
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Programme structure and course details of M.Sc. Nursing-2022

		<p>biophysical, psychological and spiritual aspects of normal labour.</p>	<ul style="list-style-type: none"> • Signs and symptoms of true /false labour • Concept of Respectful maternity care • Preparation for birth • Overview of stages of labour <p>First stage:</p> <ul style="list-style-type: none"> • Physiology of normal labour • Use of Partograph: Principles, use, critical analysis and evidence-based studies • Analgesia and anaesthesia in labour • Nursing management <p>Second stage</p> <ul style="list-style-type: none"> • Physiology and intrapartum monitoring • Nursing management. • Resuscitation, immediate new-born care and initiate breast feeding (Guidelines of National neonatology forum of India) 	<ul style="list-style-type: none"> • Demonstration of mechanism of labour • Guest lecture – non-pharmacological pain management • Scenario based learning • Workshop on assisting in normal birth • Case discussion/presentation • Supervised Clinical practice – Per vaginal examination, Conduction of normal childbirth • Drug presentation • SBA module • LaQshya guidelines • Safe delivery app: Normal labour and birth, Active management of third stage of labour 	<ul style="list-style-type: none"> • Return-demonstration • Assessment of skills with check list • OSCE
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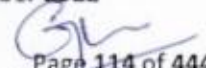


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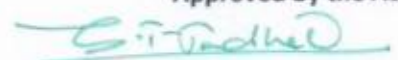
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Programme structure and course details of M.Sc. Nursing-2022

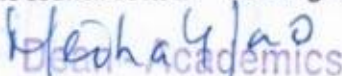
			<p>Third stage</p> <ul style="list-style-type: none"> • Physiology and nursing management <p>Fourth stage – observation, critical analysis and nursing management</p> <ul style="list-style-type: none"> • Evidence-based practice in relation to labour intervention • Role of Nurse Midwifery Practitioner • Alternative/complementary therapies 		
V	20	Describe the physiology and management of normal puerperium	<p>Normal puerperium and nursing management</p> <ul style="list-style-type: none"> • Physiology of puerperium. • Physiology of lactation, lactation management, exclusive breast feeding and Baby friendly hospital initiative (BFHI) • Assessment of postnatal women • Management of mothers during puerperium: Postnatal exercises. Rooming in, bonding and warm chain • Evidence-based studies 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration of postnatal and immediate newborn care, breast feeding technique • Simulation • Workshop on basic neonatal resuscitation • Bedside clinics • Case discussion/ presentation • SBA module 	<ul style="list-style-type: none"> • Long Essay • Return demonstration • Assessment of skills with check list • OSCE

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			<ul style="list-style-type: none"> • Factors influencing breast feeding practices • Role of nurse midwifery practitioner • Alternative / complementary therapies / Cultural practices 		
VI	20	Provide comprehensive nursing care to new-born.	Normal newborn <ul style="list-style-type: none"> • Physiology and characteristics of normal newborn • Physical and Behavioural assessment of new-born • Needs of newborn • Essential newborn care: Exclusive breast feeding, Immunization, Hygiene measures and Newborn nutrition • Organization of neonatal care service, transportation, neonatal intensive care unit, organization and management of nursing services in NICU • Observation and care of newborn • Parenting process 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration of newborn assessment • Supervised clinical practice • Drug presentation • Safe delivery app: Newborn management 	<ul style="list-style-type: none"> • Short Essay • Return-demonstration • Assessment of skills with check list • OSCE
VII	10	Describe the pharmacological agents,	Pharmaco dynamics in obstetrics <ul style="list-style-type: none"> • Drugs used in pregnancy, labour, 	<ul style="list-style-type: none"> • Lecture • Discussion • Drug presentation 	<ul style="list-style-type: none"> • Short Essay

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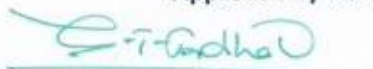
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		their effects during pregnancy, child birth, puerperium, lactation and the role of nurse	<p>postpartum and new-born</p> <ul style="list-style-type: none"> • Calculation of drug dose and administration • Effects of drugs used • Anaesthesia and analgesia in obstetrics • Roles and responsibilities of midwifery nurse practitioner • Standing orders, use of selected lifesaving drugs and interventions of obstetric emergencies approved by the MOHFW 	<ul style="list-style-type: none"> • Videos 	
VII I	10	Describe the recent advancement in contraceptive technology and birth control measures.	<p>Family welfare services</p> <ul style="list-style-type: none"> • Population dynamics • Demography trends: vital statistics, calculation of indicators especially maternal and neonatal mortality rates and other health problems • Recent advancement in contraceptive technology • Role of nurses in family welfare 	<ul style="list-style-type: none"> • Lecture • Discussion • Seminar on vital statistics • Field visit: Primary health centre • Self-Learning: GOI guidelines – injectable contraceptives, oral contraceptives, IUCD, male and female sterilization • Simulation – Copper –T insertion 	<ul style="list-style-type: none"> • Long Essay • Evaluation of seminar • Field visit reports • Assessment of skills with check list

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Programme structure and course details of M.Sc. Nursing-2022

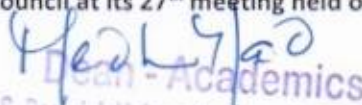
			<p>programmes in all settings</p> <ul style="list-style-type: none"> • Role of independent nurse midwifery practitioner • Family life education • Information, Education and Communication (IEC) • Management information and evaluation system (MIES) • Teaching and supervision of health team members • Evidence-based studies 		
IX	5	Understand infertility, diagnostic procedures and assisted reproductive technology (ART)	<p>Infertility</p> <ul style="list-style-type: none"> • Primary and secondary causes • Diagnostic procedures • Counselling for infertile couples • Ethical and legal aspects of assisted reproductive technology (ART) • Recent advancement in infertility management • Adoption procedures 	<ul style="list-style-type: none"> • Lecture • Discussion • Case discussion/ presentation • Drug presentation • Videos • Visit to infertility clinic and ART centres 	<ul style="list-style-type: none"> • Short Essay • Field visit reports

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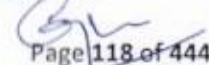


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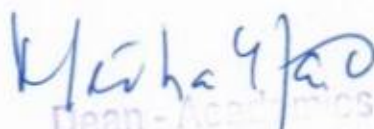


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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> Role of nurses in infertility management 		
X	5	Describe the assessment and management of menopausal women.	Menopause <ul style="list-style-type: none"> Physiological, psychological, social and cultural aspects influence on menopause Hormone Replacement Therapy Surgical menopause Counselling and guidance Management of menopause Role of midwifery nurse practitioner 	<ul style="list-style-type: none"> Lecture Discussion Case discussion/ presentation Drug presentation 	<ul style="list-style-type: none"> Short Essay
XI	5	Describe the types, causes of abortion and abortion procedures	Abortion <ul style="list-style-type: none"> Types, causes Legislations, Clinical rights and professional responsibility Abortion procedures Complications Nursing management Role of midwifery nurse practitioner 	<ul style="list-style-type: none"> Lecture Discussion Case discussion/ presentation Drug presentation Videos 	<ul style="list-style-type: none"> Long essay Short essay


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Programme structure and course details of M.Sc. Nursing-2022

PRACTICUM

Total = 660 Hours

1 week = 30 Hours

Sl. No.	Dept./ Unit	No. of Week	Total Hours
1.	Anetenatal Wards and OPDs	4	120 Hours
2.	Labour Room	5	150 Hours
3.	Postnatal Ward	2	60 Hours
4.	Family Planning Clinics	2	60 Hours
5.	PHC/Rural maternity settings	4	120 Hours
6.	Gynae Ward	2	60 Hours
7.	Maternity OT	2	60 Hours
8.	NICU	1	30 Hours
	Total	22 Weeks	660 Hours

1. Procedures observed

- Diagnostic investigations: Amniocentesis, Cordocentesis, chorionic villi sampling
- Infertility management: Artificial reproduction: artificial insemination, in-vitro fertilization, and related procedures


2. Procedures assisted

- Medical termination of pregnancy

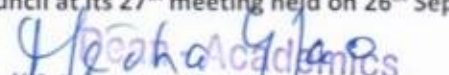
3. Procedures performed

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

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4. Others

- Identification of high-risk women and referral
- Health education: to women and their families
- Motivation of couples for planned parenthood

REFERENCE BOOKS

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2. Marshall JE, Raynor MD. Myles Textbook for Midwives. 17th ed. London: Elsevier Health Sciences; 2020.
3. Jacob A. A Comprehensive Textbook of Midwifery. 5thed. Bengaluru: Jaypee Brothers Medical Publishers (P) Ltd; 2019.
4. Elizabeth M. Midwifery for Nurses. 2nded. New Delhi: CBS publishers & Distributors Pvt Ltd; 2019.
5. Cunningham F, Leveno J, Bloom L, Dashe JS, Hoffman BL, Casey BM, et.al. Williams Obstetrics. 25th ed. New York: McGraw-Hill Professional; 2018.
6. Silbert, Flagg J, Pillitteri A. Maternal and child health nursing: Care of the childbearing & childrearing family. 8th ed. Philadelphia: Lippincott Williams and Wilkins; 2017.
7. Edmonds DK, Dewhurst J. Dewhurst's Textbook of Obstetrics & Gynaecology. 7th ed. England: John Wiley & Sons; 2021.
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G. S. Babbar

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Programme structure and course details of M.Sc. Nursing-2022

Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)								
			PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
MNC521A Obstetrics and Gynecological Nursing	CO 1	3	3	3	3	3	3	3	3	2	3
	CO 2	3	2	3	3	3	3	3	3	3	3
	CO 3	3	3	3	3	3	3	3	3	3	3
	CO 4	3	3	3	3	3	3	3	3	3	3
	CO 5	3	3	3	3	3	3	3	3	3	3
	CO 6	3	3	3	3	3	3	3	3	3	3
	CO 7	3	3	3	3	3	3	3	3	3	3
	CO 8	3	3	3	3	3	3	3	3	3	3
	CO 9	3	3	3	3	3	3	3	3	3	3
	CO 10	3	3	3	3	3	3	3	3	3	3
	CO 11	3	3	3	3	3	3	3	3	3	3
	CO 12	3	3	3	3	3	3	3	3	3	3
	CO 13	3	3	3	3	3	3	3	3	3	3
	CO 14	3	3	3	3	3	3	3	3	3	3
	CO 15	3	3	3	3	3	3	3	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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E. R. Reddy

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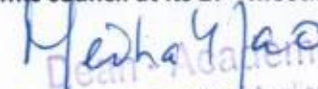
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LOG BOOK

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/faculty
				Skill Lab/ Simulation Lab	Clinical Area	
I	ANTENATAL					
1.	Antenatal assessment					
	i. First trimester					
	• History collection					
	• General physical examination					
	• Breast examination					
	ii. Second trimester					
	• General physical examination					
	• Obstetrical examination					
	• Assessment of fetal well-being					
	• Fetal heart sound					
	• Daily Fetal Movement Count					
	iii. Third trimester					
	• General physical examination					
	• Obstetrical examination					
	• Assessment of fetal well-being : Non stress test					
2.	Procedures to be performed					
	• Urine pregnancy test					

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Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> Administration of Td/TT 					
3.	Procedures to assist/witness <ul style="list-style-type: none"> Hemoglobin estimation Glucose tolerance test 					
	<ul style="list-style-type: none"> Ultrasonography Cordocentesis Chorionic villi sampling Amniocentesis Amnioscopy Foetoscopy Biochemical test 					
4.	Patient and family education <ul style="list-style-type: none"> Antenatal diet and dietary supplements Activity and Exercise Sexual life during pregnancy Identification of danger/warning signs of complications Coping with minor ailments of pregnancy Birth preparedness and complication readiness 					

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Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> Techniques for Pain management in labour 					
	<ul style="list-style-type: none"> Alternative birthing positions 					
II	INTRANATAL					
5.	Assessment of woman in labour					
6.	Performing Cardiotocography (CTG) during labour					
7.	Setting up of the birthing room and newborn corner/care area					
8.	Setting up of the trays for labour					
	<ul style="list-style-type: none"> Delivery tray 					
	<ul style="list-style-type: none"> Neonatal resuscitation equipment's and tray 					
	<ul style="list-style-type: none"> Episiotomy tray 					
	<ul style="list-style-type: none"> Emergency medicines tray 					
	<ul style="list-style-type: none"> Post-Partum Intra Uterine Contraceptive Devices (PPIUCD) tray 					
9	Preparation of birthing women					
	<ul style="list-style-type: none"> Physical preparation 					
	<ul style="list-style-type: none"> Psychological support: Managing fear 					
10.	Monitor the progress of labour					

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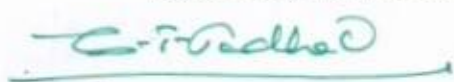
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G. Venkatesh
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Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> Vaginal examination 					
	<ul style="list-style-type: none"> Uterine contractions 					
	<ul style="list-style-type: none"> Plotting and interpretation of partograph 					
11.	Activity and ambulation during first stage of labour					
12.	Support / conduct normal birth					
13.	Perform/assist in Episiotomy and suturing					
14.	Immediate newborn care					
15.	Newborn resuscitation					
16.	Management of third stage of labour – Physiologic management/active management of third stage of labour (AMTSL)					
17.	Assessment of patient for Post-Partum Haemorrhage (PPH)					
18.	Examination of placenta					
19.	Assess perineal, vaginal tear / injuries and suture if required					
20.	Assessment and care during fourth stage of labour					
21.	Initiation of breast feeding					

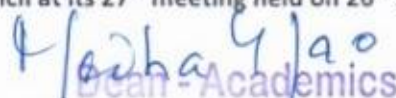
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Programme structure and course details of M.Sc. Nursing-2022

III	POSTNATAL					
22.	Postnatal assessment					
23.	Episiotomy care					
24.	Breast care and management of breast engorgement					
25.	Patient and family education					
	• Postnatal diet and dietary supplements					
	• Activity and Exercise					
	• Exclusive breast feeding					
	• Care of newborn					
	• Family planning					
IV	NEWBORN					
26.	Assessment of newborn					
27.	Administration of Vitamin K					
28.	Neonatal immunization – Administration of OPV, BCG and Hepatitis B vaccine					
29.	Kangaroo Mother Care					
V	Assist or witness diagnostic / therapeutic procedures					
30.	• Dilatation and curettage					
	• Dilatation and Evacuation					

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Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> Manual vacuum aspiration of embryo/fetus 					
	<ul style="list-style-type: none"> Induction of labour: Medical and Surgical 					
	<ul style="list-style-type: none"> Gynaecological examination 					
	<ul style="list-style-type: none"> Tubal patency test 					
	<ul style="list-style-type: none"> IVF: Invitro Fertilization 					
	<ul style="list-style-type: none"> Intrauterine Insemination 					
	<ul style="list-style-type: none"> Laparoscopic tubectomy 					
VI	Use of drugs in obstetrics: calculation of drug dose and administration					
31.	Administration of Oxytocics					
	<ul style="list-style-type: none"> Oxytocin administration and titration 					
	<ul style="list-style-type: none"> Methergine 					
	<ul style="list-style-type: none"> Prostaglandins 					
32	Administer / Assist in analgesics and anaesthetics during labour					
VII	Activities to be performed in OBG Community posting : PHC / Area					
33	<ul style="list-style-type: none"> Antenatal assessment 					
	<ul style="list-style-type: none"> Postnatal assessment 					

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Programme structure and course details of M.Sc. Nursing-2022

	• Immunization					
	• Participate in Family welfare counselling					
	• Assist in tubectomy, vasectomy					
	• Identification of high risk women and referral					
	• Home visit for follow up services					
VII	Visits					
I						
34	• Genetic counselling center					
	• Baby friendly hospital initiative					

Medha Rao

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CLINICAL REQUIREMENTS

Sl. No.	Clinical Requirement	Date	Signature of the Faculty
1.	Antenatal assessment- 20		
2.	Intranatal assessment-20		
3.	Postnatal assessment- 20		
4.	Conduct delivery -20		
5.	Perform episiotomy and suturing-10		
6.	Insertion of IUD -5		
7.	Care Plan with nursing theory application (6)		
	Antenatal -1		
	Antenatal -2		
	Intranatal-1		
	Intranatal-2		
	Postnatal-1		
	Postnatal-2		
8.	Case Study / Presentations with nursing theory application (3)		
	Antenatal-1		
	Intranatal-1		
	Postnatal-1		
9.	Health Education		
	Individual		
	Group -1		
	Group -2		

Teaching Coordinator

H.O.D

H. Padma Rao
 H. Padma Rao
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

DEPARTMENT OF OBG NURSING

B.Sc/P.B.B.Sc/M.Sc/GNM NURSING

ASSIGNMENT EVALUATION PROFORMA

Name of the Student:

Course & Year :

Topic:

SL. NO.	CRITERIA	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	Adequacy of content					
2	Appropriate and Relevant content					
3	Organization and Sequence of content					
4	Comprehensiveness and legibility					
5	Illustrations/ Images					
6	Neatness/clarity/free from spelling errors					
7	Guidance taken					
8	Multiple references					
9	Time of submission					
10	Ability to respond					
	Total (50)					

Date of submission :

Maha Lakshmi

SIGNATURE OF THE EVALUATOR

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

DEPARTMENT OF OBG NURSING

B.Sc/P.B.B.Sc/M.Sc/GNM NURSING

ASSIGNMENT EVALUATION PROFORMA

PREPARATION OF MODEL

Name of the Student:

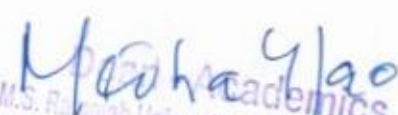
Course:

Topic:

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Principles	5	
2	Attractiveness and Creativity	10	
3	Cost effectiveness	5	
4	Physical control and safety	10	
5	Involvement	10	
6	Guidance taken	8	
7	Time of submission	2	
	Total	50	

Date of submission :

SIGNATURE OF THE EVALUATOR


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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

DEPARTMENT OF OBG NURSING

M.Sc NURSING

NURSING CARE PLAN EVALUATION PROFORMA

Name of the Student:

Course & Year :

Topic:

Sl. No.	Criteria	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	History Collection					
2	Physical Examination					
3	Investigation & treatment					
4	List of nursing diagnosis					
5	Plan and implementation of nursing care					
6	Evaluation of nursing care					
7	Theory application					
8	Summary of care & Health education					
9	Bibliography					
10	Time of submission					
	Total (50)					

Date of submission:

SIGNATURE OF THE EVALUATOR

Medha Rao



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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

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DEPARTMENT OF OBG NURSING

HEALTH EDUCATION EVALUATION PROFORMA

Name of the Student:

Course & Year :

Topic:

Sl. No.	Criteria	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	Content					
1.1	Objectives					
1.2	Organization & adequacy of content					
1.3	Bibliography					
2	A.V.Aids					
2.1	Appropriate selection of A.V.aids					
2.2	Principles of A.V.aids					
2.3	Attractiveness					
3	Presentation					
3.1	Communication Skills					
a)	Creating interest					
b)	Language					
c)	Group involvement					
3.2	Mastery over content					
3.3	Obtaining feedback and reinforcement					
3.4	Time management					
4	Guidance taken					
	Total (50)					

Date of submission :

SIGNATURE OF THE EVALUATOR

Madhya Rao
M.S. Ramaiah University of Applied Sciences
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Gp

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[Signature]

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DEPARTMENT OF OBG NURSING

SEMINAR EVALUATION PROFORMA

Name of the Student:

Course & Year :

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	CONTENT:					
	a. Adequacy and relevance					
	b. Organization					
	c. Recent advancement /Research studies					
2	PRESENTATION:					
	a. Voice audibility, clarity, modulation					
	b. Confidence/Body language					
3	A.V.AIDS:					
	a. Appropriate selection					
	b. Principles of A.V.aids					
	c. Attractiveness					
4	BIBLIOGRAPHY					
5	Time of submission					
	TOTAL (50)					

Date of submission :

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Meetha Rao
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B.Sc/P.B.B.Sc/M.Sc NURSING

DEPARTMENT OF OBG NURSING

INSTRUMENT BOOK EVALUATION FORM

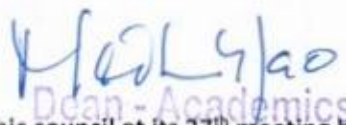
Name of the Student :

Placement :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Name of the Instrument	1	
2	Neat and Labeled diagram	2	
3	Principle of Usage	2	
4	Identification of instrument	2	
5	Indications/ Contraindications	2	
6	Competence in usage	2	
7	Teacher's evaluation	2	
8	References/ Bibliography	2	
	Total	15	

COMMENTS:

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Programme structure and course details of M.Sc. Nursing-2022

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B.Sc/P.B.B.Sc/M.Sc NURSING

DEPARTMENT OF OBG NURSING

DRUG BOOK EVALUATION FORM

Name of the Student :

Placement :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Name of the drug/trade name	1	
2	Mechanism of action	2	
3	Neatness/legibility	1	
4	Nurse's Role	2	
5	Time of submission	1	
6	Teacher's evaluation	2	
7	References/ Bibliography	1	
	Total	10	

COMMENTS:

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CHILD HEALTH NURSING – I

Course Specifications

Course Title	Child Health Nursing – I
Course Code	MNC531A
Course Type	Combination course
Department	Child Health Nursing
Faculty	Nursing

Course Summary

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

PLACEMENT: I Year

THEORY: 7.5Credits (150 hours)

PRACTICUM: Clinical: 8 Credits (650 hours)

Course Outcomes

On completion of the course, the students will be able to

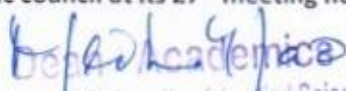
CO-1	Appreciate the history and developments in the field of paediatrics and pediatric nursing as a speciality.
CO-2	Appreciate the child as a holistic individual.
CO-3	Perform physical, developmental and nutritional assessment of pediatric clients.
CO-4	Explain the effect of hospitalization on child and family.
CO-5	Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long-term illness.
CO-6	Apply the concepts of growth and development in providing care to the pediatric clients and their families.
CO-7	Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing.
CO-8	Describe the management of children with behavioural problems.
CO-9	Explain the concept of preventive paediatrics.
CO-10	Recognize and manage emergencies in neonates.
CO-11	Apply nursing process in providing nursing care to neonates.

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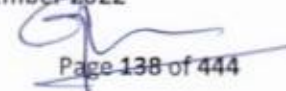


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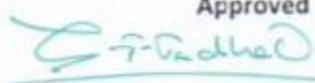
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CO-12	Describe various recent technologies and treatment modalities in the management of high-risk neonates.
CO-13	Prepare a design for layout and management of neonatal units.
CO-14	Apply the principles and strategies of Integrated Management of Neonatal and Childhood Illnesses (IMNCI) in outpatient management of children.

COURSE OUTLINE

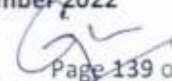
UNIT	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	10	<p>Appreciate the history and developments in the field of paediatrics and pediatric nursing as a speciality</p> <p>Appreciate the child as a holistic individual</p>	<p>Introduction</p> <ul style="list-style-type: none"> Historical development of paediatrics and paediatric nursing in India Current status of child health in India Trends in paediatrics and paediatric nursing, Ethical and cultural issues in paediatric care Rights of children National health policy, special laws and ordinances relating to children National goals Five year plans National health programs related to child health 	<ul style="list-style-type: none"> Lecture Discussion Assignment on national health policy related to children Seminar on national health programmes related to child health 	<ul style="list-style-type: none"> Short essay Evaluation of assignment Evaluation of seminar
II	10	Perform physical, developmental, and nutritional assessment of pediatric clients	<p>Assessment of Paediatric Clients</p> <ul style="list-style-type: none"> History taking Developmental assessment Physical assessment Nutritional assessment Family assessment 	<ul style="list-style-type: none"> Lecture Discussion Video assisted teaching on physical assessment Demonstration : Nutritional assessment of underfive children 	<ul style="list-style-type: none"> Short essay Assessment of skill with checklist

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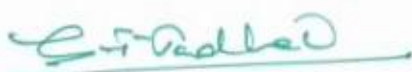

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III	10	Explain the effect of hospitalization on child and family	Hospitalized child <ul style="list-style-type: none"> • Meaning of hospitalization of the child • Preparation for hospitalization • Effects of hospitalization on the child and family • Stressors and reactions related to developmental stages • Play activities for ill hospitalized child • Nursing care of hospitalized child and family: Principles and practices 	<ul style="list-style-type: none"> • Lecture • Discussion • Seminar on effects of hospitalization on the child and family 	<ul style="list-style-type: none"> • Short essay • Evaluation of seminar
IV	15	Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long-term illness Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing	Prenatal Paediatrics <ul style="list-style-type: none"> • Embryological and fetal development • Prenatal factors influencing growth and development of fetus • Genetic patterns of common pediatric disorders, chromosomal aberrations • Genetic assessment and counselling • Legal and ethical aspects of genetic screening and counselling • Role of nurse in genetic counselling • Importance of prenatal care and role of paediatric nurse in prenatal care 	<ul style="list-style-type: none"> • Lecture • Discussion • Seminar on genetic assessment and counselling 	<ul style="list-style-type: none"> • Short essay • Evaluation of seminar
V	15	Apply the concepts of growth and development in providing care to	Growth and Development of Children <ul style="list-style-type: none"> • Principles of growth and development 	<ul style="list-style-type: none"> • Lecture • Discussion • Growth and developmental assessment of 	<ul style="list-style-type: none"> • Long Essay • Assessment

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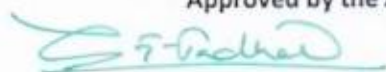
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		the pediatric clients and their families	<ul style="list-style-type: none"> • Concepts and theories of growth and development • Developmental tasks and special needs from infancy to adolescence, developmental milestones • Assessment of growth and development of pediatric clients • Factors affecting growth and development 	<ul style="list-style-type: none"> • children • Field visit to Anganwadi centre 	<ul style="list-style-type: none"> • of skill with check list • Evaluation of field visit report
VI	15	Describe the management of children with behavioural problems	Behavioural Pediatric and Pediatric Nursing <ul style="list-style-type: none"> • Parent child relationship • Basic behavioural pediatric principles • Specific behavioural pediatric concepts/disorders <ul style="list-style-type: none"> ○ Maternal deprivation ○ Failure to thrive ○ Child abuse ○ Battered child • Common behavioural problems and their management • Child guidance clinic 	<ul style="list-style-type: none"> • Lecture • Discussion • Field visit to child guidance clinic, school for mentally and physically, socially challenged 	<ul style="list-style-type: none"> • Short essay • Evaluation of field visit report
VII	15	Explain the concept of preventive paediatrics	Preventive paediatrics and paediatric nursing <ul style="list-style-type: none"> • Concept, aims and scope of preventive paediatrics • Maternal health and its influence on child health • Antenatal aspects of preventive paediatrics • Postnatal aspects of preventive paediatrics 	<ul style="list-style-type: none"> • Lecture • Discussion • Module based learning on breast feeding: Mothers absolute affection (MAA) 	<ul style="list-style-type: none"> • Short essay

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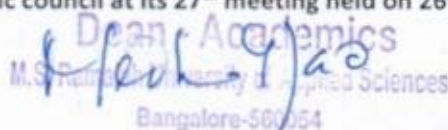
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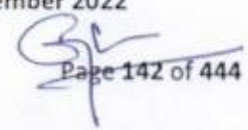
			<ul style="list-style-type: none"> ○ Growth assessment (Plotting on WHO growth charts) ○ Breast feeding ○ Baby friendly hospital initiative (BFHI) ○ Complementary feeding ○ Immunization schedule and cold chain ○ Oral Rehydration Therapy (ORT) ○ Health education, nutritional education for parents and children <ul style="list-style-type: none"> • National Nutritional programs • National and international organizations related to child health • Role of pediatric nurse in the hospital and community 		
VIII	30	<p>Apply nursing process in providing nursing care to neonates</p> <p>Recognize and manage emergencies in neonates</p> <p>Describe various recent technologies and treatment modalities in the management of high-risk neonates</p>	<p>Neonatal Nursing</p> <ul style="list-style-type: none"> • New born baby: profile and characteristics of the new born • Assessment of the new born • Nursing care of the new born at birth • High risk new born: Identification, classification and nursing management <ul style="list-style-type: none"> ○ Pre term and term neonate ○ Growth retarded babies (small for gestation) 	<ul style="list-style-type: none"> • Lecture • Discussion • Modular based teaching: <ul style="list-style-type: none"> ○ Essential New born care (ENBC) ○ Facility based care of New born (FCNB) • Workshop on neonatal resuscitation 	<ul style="list-style-type: none"> • Long Essay • OSCE

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Programme structure and course details of M.Sc. Nursing-2022

		Prepare a design for layout and management of neonatal units	<ul style="list-style-type: none"> • Identification and classification of neonates with infections, HIV and AIDS, Ophthalmia neonatorum, congenital syphilis • Organization of neonatal care: <ul style="list-style-type: none"> ○ Levels of neonatal services ○ Transport of neonate • Neonatal intensive care unit (NICU): Organization and management of nursing services in NICU 		
IX	30	Apply the principles and strategies of Integrated Management of Neonatal and Childhood Illnesses (IMNCI) in outpatient management of children	IMNCI: (Integrated management of neonatal and childhood illnesses) <ul style="list-style-type: none"> • Outpatient management of young infants age up to 2 months • Outpatient Management of Children age 2 months up to 5 years 	<ul style="list-style-type: none"> • Lecture • Discussion • Modular based teaching: IMNCI module 	<ul style="list-style-type: none"> • Long Essay

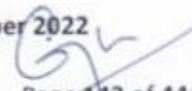
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Programme structure and course details of M.Sc. Nursing-2022

PRACTICUM

Total = 660 Hours

1 Week = 30 Hours

Sl. No.	Department / Unit	No. of Week	Total Hours
1	Pediatric medicine ward	4	120 Hours
2	Pediatric surgical ward	4	120 Hours
3	Labour room/Maternity ward	2	60 Hours
4	Pediatric OPD	2	60 Hours
5	NICU	4	120 Hours
6	Creche	1	30 Hours
7	Child guidance clinic	1	30 Hours
8	Community	4	120 Hours
Total		22 weeks	660 Hours

STUDENT ACTIVITIES

1. Clinical presentations
2. Growth and developmental assessment
3. Assessment and prescription of nursing interventions for sick children
4. Health education related to disease conditions
5. Nutritional assessment
6. Project work
7. Field visits

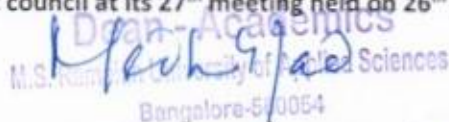
REFERENCE BOOKS

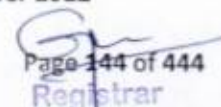
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3. Singh M. Care of the Newborn. 9th ed. New Delhi: CBS Publishers; 2021.
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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CHILD HEALTH NURSING – I	CO 1	2	2	2	3	2	1	2	2	2
	CO 2	3	3	3	3	3	2	3	3	3
	CO 3	3	3	3	3	2	1	3	3	3
	CO 4	3	3	3	3	2	2	3	3	3
	CO 5	3	3	3	3	2	2	3	3	3
	CO 6	3	3	3	3	2	2	3	3	3
	CO 7	2	2	2	3	2	1	2	2	2
	CO 8	2	2	2	3	1	1	2	2	2
	CO 9	2	3	2	3	2	2	2	2	3
	CO 10	2	3	3	3	2	1	2	2	3
	CO 11	2	3	3	3	2	1	2	3	3
	CO 12	2	3	3	3	2	2	3	2	3
	CO 13	3	3	3	3	3	2	3	3	3
	CO 14	2	3	2	3	2	1	2	3	3

Meetha Rao *Ge...*

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Log book
CLINICAL SPECIALITY –I
PEDIATRIC NURSING

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1	New-born assessment					
	<ul style="list-style-type: none"> • Immediate assessment(APGAR) 					
	<ul style="list-style-type: none"> • Measurement of Length /Weight/Head circumference/Chest circumference 					
	<ul style="list-style-type: none"> • Head to toe assessment 					
	<ul style="list-style-type: none"> • Assessment of gestational age (Preterm) Immediate 					
1	Neonatal advanced life Neonatal resuscitation					
2	Basic neonatal resuscitation(BNR)					
	<ul style="list-style-type: none"> • Initial steps of basic neonatal resuscitation <ul style="list-style-type: none"> - Provide warmth - Positioning - Oral/Nasal suctioning - Stimulation • Bag and mask ventilation 					
3	Support(NALS)					
4	Feeding					
	<ul style="list-style-type: none"> • Breast feeding: positioning/ latching/counseling <ul style="list-style-type: none"> ○ Expressed breast milk/Formula feed ○ Palada /spoon/ katori feeding ○ Oro/Naso gastric tube insertion/feeding and removal 					

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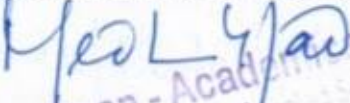
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	o Gastrostomy feeding				
	o Total parenteral nutrition				
5	Management of hypoglycaemia				
II	Assessment of children				
	• History taking				
	• Physical examination				
	• Growth and development of				
	o Infants				
	o Toddler				
	o Pre-schooler				
	o Schooler				
	o Adolescent				
III	Procedures to be performed				
6.	Vital signs				
7.	Medication administration				
	• Drug dosage calculation				
	• Oral/IM/IV/SC/ID				
	• Instillation of eye/ear/nasal drops				
	• IV cannulation				
	• Fluid calculation and administration				
	o Maintenance				
	o Dehydration				
	o Burns				
	• Use of syringe/infusion pump				
• Assessment of dehydration					
• Oral Rehydration Therapy					
8.	Oxygen administration				
	• Hood				
	• Nasal prongs				
	• Mask				
	• Nebulization				
9.	• Suctioning				

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Programme structure and course details of M.Sc. Nursing-2022

	○ Oral					
	○ Nasal					
	○ endotracheal					
	• Chest Physiotherapy					
	• Incentive spirometry					
10.	Collection of specimen					
	• Blood					
	• Urine(Routine, 24 hr urine collection)					
	• Sputum					
	• stool					
11.	Infection control practices					
	• Hand hygiene					
	• Personal protective					
	• equipment					
	• Safe injection practice					
	• Sterilization & disinfection of pediatric care devices/equipment's and unit					
	• Assessment of jaundice: bilimeter					
	• Care of baby under phototherapy					
	• Play therapy					
	• Wound dressing					
	○ Surgical					
	○ Burns					
IV	Child Guidance Clinic Observation Report					

K. Srinivas Rao
Dean Academics

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CLINICAL REQUIREMENTS

Sl. No.	Clinical requirements	Date	Signature of the supervisor
1	Nursing Process application		
a)	Normal new-born		
	1.		
b)	High risk new-born (2)		
	1.		
	2.		
c)	Medical (2)		
	1.		
	2.		
d)	Surgical (2)		
	1.		
	2.		
2	Case study/presentation with theory application		
a)	High risk New Born		
	1.		
b)	Medical		
	1.		
c)	Surgical		
	1.		

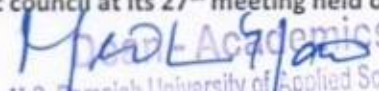
COMMUNITY CLINICAL REQUIREMENTS

Sl. No.	Topic	Date	Signature of the supervisor
1	Family care study		
	1)		
2	Participation in immunization		
3	Identification of high risk new-born & referral		
4	School health programme		
5	IMNCI Case management <ul style="list-style-type: none"> • <2 months of age child • 2months - 5years children 		

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Programme structure and course details of M.Sc. Nursing-2022

HEALTH EDUCATION

Sl. No.	Topic	Signature of the supervisor
1	Hospital	
a)		
b)		
2	Community	
a)		
b)		

FIELD VISITS

Sl. No.	Place of Visit	Date of Visit	Signature of the supervisor

Teaching Coordinator

HOD

M. S. Rao
Dean - Academics

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G. S. Rao

E. S. Reddy

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Programme structure and course details of M.Sc. Nursing-2022

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.SC NURSING

SUBJECT: CHILD HEALTH NURSING

CASE STUDY EVALUATION FORMAT

Name of the Student:

Year:

Diagnosis of patient:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	History collection	4	
2	Physical examination	4	
3	Growth and development	4	
	Nutritional Assessment	2	
4	Investigation and treatment	2	
5	Description of case in comparison with patient picture		
	Anatomy & Physiology/Embryology	2	
	Introduction, incidence, etiology and pathophysiology	4	
	Clinical features and diagnostic evaluation	4	
	Management and nursing management	4	
6	Nursing Care Plan		
	Assessment of patient	2	
	Writing a nursing diagnoses (Based on priority)	3	
	Identifying desired outcome	2	
	Planning and implementation of nursing care	6	
	Evaluation of nursing care	2	
7	Health Education	2	
8	Summary of patient care	1	
9	Bibliography	2	
Total		50	

REMARKS:

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SIGNATURE OF THE EVALUATOR

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Programme structure and course details of M.Sc. Nursing-2022

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.SC NURSING

SUBJECT: CHILD HEALTH NURSING

CARE PLAN EVALUATION FORMAT

Name of the Student:

Year :

Diagnosis of patient:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Assessment		
	History collection	2	
	Physical Examination	2	
	Assessment of Growth and Development	2	
	Assessment of Nutritional status	2	
2	Investigations	1	
3	Treatment	1	
4	Nursing Care plan		
	Assessment of patient	1	
	Writing a nursing diagnoses (Based on priority)	3	
	Identifying desired outcome	1	
	Planning and implementation of nursing care	5	
	Evaluation of nursing care	2	
5	Health Education	2	
6	Summary of patient care	1	
	Total	25	

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Meetha Rao
Dean - Academics

Gm

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S. P. Acharya

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Programme structure and course details of M.Sc. Nursing-2022

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

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M.SC NURSING

SUBJECT: CHILD HEALTH NURSING

CLINICAL PRESENTATION EVALUATION FORMAT

Name of the Student :

Year :


Diagnosis of patient:

Sl. No.	Criteria	Marks Allotted	Marks obtained
	Assessment		
1	History collection and physical examination	3	
2	Assessment of Growth and Development	2	
3	Assessment of Nutritional status	2	
4	Investigations and treatment	1	
5	Presentation of disease aspect	3	
6	A.V. aids used	2	
7	Nursing care plan	6	
8	Health Education	2	
9	Entertaining discussion	1	
10	Personal and Professional behavior	2	
11	Bibliography	1	
	Total	25	


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M.SC NURSING

SUBJECT: CHILD HEALTH NURSING

HEALTH EDUCATION EVALUATION FORMAT

Name of the Student:

Year:

Topic:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Content : adequate and relevant	8	
2	Presentation of content	6	
3	Group interaction	2	
4	Fluency of language	2	
5	A.V.aids : Preparation and proper use	5	
6	Personal & Professional behavior	1	
7	Bibliography	1	
	Total	25	

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M.SC NURSING

SUBJECT: CHILD HEALTH NURSING

ASSIGNMENT EVALUATION FORMAT

Name of the Student:

Year:

Topic:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Content: adequate and relevant	20	
2	Comprehensiveness	5	
3	Organization of content	5	
4	Creativity (Images/pictures/illustrations)	10	
5	Time of submission	5	
6	References	5	
	Total	50	

Remarks:

SIGNATURE OF THE STUDENT

SIGNATURE OF THE EVALUATOR

H. Lakshmi

G. S. Srinivas

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S. Radha
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M.Sc NURSING

SUBJECT: CHILD HEALTH NURSING

EVALUATION TOOL FOR SEMINAR

Name of the Student:

Year:

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	INTRODUCTION: • Appropriate and interesting to topic					
2	CONTENT: • Accurate • Comprehensiveness • concise • Adequate • Relevant • Organized effectively					
3	PRESENTATION: • Confidence • knowledge of subject matter • Communication of message to learners • Interacts effectively with listeners • Questioning technique • personal appearance					
4	A.V.AIDS • Preparation • Comprehensiveness • Effective utilization • Use of chalkboard					
5	BIBLIOGRAPHY: • Books • Journal articles • Any other references					
TOTAL						

REMARKS:

Meha Yeo
Dean - Academics

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M.Sc NURSING

SUBJECT: CHILD HEALTH NURSING

CHECK LIST FOR EVALUATION OF PRACTICE TEACHING

Name of the Student:

Year:

Topic:

Audience:

Date & Time:

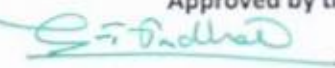
Sl. No.	Points to Evaluate	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	Teacher personal Appearance					
2	Voice and clarity					
3	Teaching: Preparation of student's mind					
4	Knowledge of subject matter					
5	Questioning: relevant & clear					
6	Student's participation					
7	Impressiveness					
8	Environment					
9	Management of class					
10	Time planned well & Kept					
11	Black board use					
12	Use of Diagrams, model, charts etc.					
13	Preparation Lesson plan					
14	Summarization					
15	Assignment to student					
16	Bibliography					

General Comments:

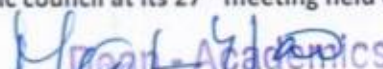
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MENTAL HEALTH (PSYCHIATRIC) NURSING – I

Course Specifications

Course Title	MENTAL HEALTH (PSYCHIATRIC) NURSING – I
Course Code	MNC541A
Course Type	Combination course
Department	Mental Health Nursing
Faculty	Nursing

Course Summary

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

PLACEMENT: I Year

Hours of Instruction

Theory: 150 hrs

Practical: 650 hrs

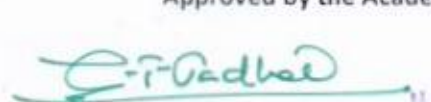
Total: 800 hrs

Course Outcomes

On completion of the course, the students will be able to

Co-1	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	demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities.
Co-6	establish and maintain therapeutic relationship with individual and groups.
Co-7	uses assertive techniques in personal and professional actions.
Co-8	promotes self-esteem of clients, others and self.
Co-9	apply the nursing process approach in caring for patients with mental disorders.
Co-10	describe the psychopharmacological agents, their effects and nurse's role.
Co-11	recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team.
Co-12	describe various types of alternative system of medicines used in psychiatric settings.
Co-13	incorporate evidence based nursing practice and identifies the areas of research in the field of psychiatric nursing.
Co-14	elaborate the community mental health initiatives in India.
Co-15	explain the ethical and legal aspects of psychiatry.

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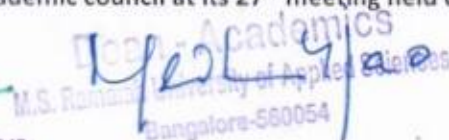


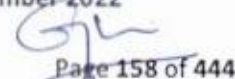
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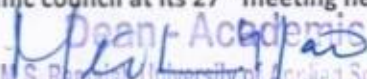
Course Outline

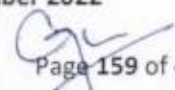
Unit	Hours	Learning outcome	Content	Teaching / Learning activities	Assessment methods
I	15	<p>Appreciate the trends and issues in the field of psychiatry and psychiatric nursing</p> <p>Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team</p>	<p>Introduction</p> <ul style="list-style-type: none"> Mental health and mental illness Historical perspectives Trends, issues and magnitude Contemporary practices Mental health laws/Acts National mental health authority, state mental health authority National mental health program 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 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on difference between ICD and DSM 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of the assignment
II	10	Describe the concepts of psychobiology in	<p>Concepts of psychobiology</p> <ul style="list-style-type: none"> The Nervous system: 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay

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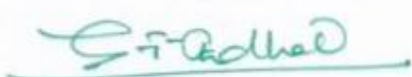

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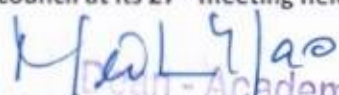

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Programme structure and course details of M.Sc. Nursing-2022

		mental disorders and its implications for psychiatric nursing	<ul style="list-style-type: none"> ○ An Anatomical Review ○ The Brain and limbic system ○ Nerve Tissue ○ Autonomic Nervous system ○ Neurotransmitters • Neuroendocrinology <ul style="list-style-type: none"> ○ Pituitary, Thyroid Gland ○ Circadian Rhythms • Genetics • Neuro psychiatric disorders • Psycho immunology <ul style="list-style-type: none"> ○ Normal Immune response ○ Implications for psychiatric illness • Implications for Nursing 	<ul style="list-style-type: none"> • Assignment on role of neurotransmitters in mental disorders 	<ul style="list-style-type: none"> • Evaluation of assignment
III	10	Explain the dynamics of personality development and human behaviour	<p>Theories of personality development and relevance to nursing practice</p> <ul style="list-style-type: none"> • Psychoanalytic Theory- Freud's • Interpersonal Theory- Sullivan's • Theory of Psychosocial Development-Erikson's • Theory of object relations 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay

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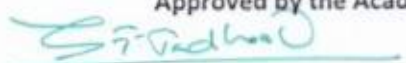

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Programme structure and course details of M.Sc. Nursing-2022

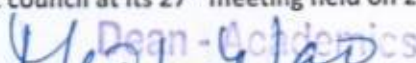
			<ul style="list-style-type: none"> • Cognitive Development Theory • Theory of Moral Development • A Nursing Model- Hildegard E. Peplau 		
IV	5	Discuss stress and its management	Stress and its management <ul style="list-style-type: none"> • An introduction to the concepts of stress • Psychological Adaptation to stress • Stress as a Biological Response • Stress as an Environmental Event • Stress as Transaction between the Individual and the Environment • Stress management 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
V	10	Demonstrate therapeutic communications skills in all interactions Establish and maintain therapeutic relationship with individual and groups	Therapeutic communication and interpersonal relationship <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on therapeutic communication technique • Process recording 	<ul style="list-style-type: none"> • Long essay • Evaluation of process recording

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> • Dynamics of a therapeutic Nurse-client relationship; • Therapeutic use of self-Gaining self-awareness • Therapeutic nurse-patient relationship its phases; Conditions essential to development of a therapeutic relationship 		
VI	10	Uses assertive techniques in personal and professional actions	Assertiveness training <ul style="list-style-type: none"> • Assertive Communication • Basic Human Rights • Response Patterns <ul style="list-style-type: none"> ○ Non-assertive Behaviour ○ Assertive Behaviour ○ Aggressive Behaviour ○ Passive-Aggressive Behaviour • Behavioural Components of Assertive Behaviour • Techniques that Promote Assertive Behaviour • Thought-Stopping Techniques Method • Role of The Nurse 	<ul style="list-style-type: none"> • Lecture cum discussion • Role play on assertive communication 	<ul style="list-style-type: none"> • Long essay • Evaluation of role play
VII	5	Promotes self-esteem of clients, others and self	Promoting self-esteem <ul style="list-style-type: none"> • Components of Self-Concept 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay

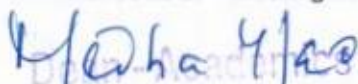
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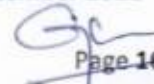
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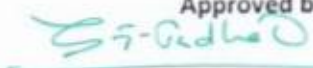
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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> The Development of Self-Esteem The Manifestations of Low-Self-Esteem Boundaries <p>Role of The Nurse</p>		
	5	Discuss the mental health issues of women	<p>Women and mental health</p> <ul style="list-style-type: none"> Normal reaction to conception, pregnancy and puerperium Problems related to conception, pregnancy and puerperium and its management Counselling: Premarital, marital and genetic 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay
VIII	10	Apply the nursing process approach in caring for patients with mental disorders	<p>The nursing process in psychiatric/mental health nursing</p> <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on Mental Status Examination (MSE) Clinical practice on psychiatric history collection and MSE 	<ul style="list-style-type: none"> Long essay Evaluation of clinical competency

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> ○ Critical pathways of care • Documentation ○ Problem-oriented recording ○ Focus charting ○ The PIE method 		
IX	35	Demonstrate the role of psychiatric nurse in various therapeutic modalities	<p>Psycho social and physical therapies</p> <ul style="list-style-type: none"> • Individual therapy • Behavioural Therapy- Relaxation therapy, cognitive therapy, positive- negative reinforcement, bio-feedback, guided imagery, abreactive therapy • Group therapy • Family therapy • Milieu therapy • The therapeutic community • Occupational therapy • Recreational therapy • Play therapy • Music therapy • Light therapy • Colour therapy • Aroma therapy 	<ul style="list-style-type: none"> • Lecture cum discussion • Observation of psychosocial and physical therapies 	<ul style="list-style-type: none"> • Long essay • Short essay
X	5	Render care to the person who is undergoing ECT	<p>Electroconvulsive therapy (ECT)</p> <ul style="list-style-type: none"> • Historical Perspectives • Indications 	<ul style="list-style-type: none"> • Lecture cum discussion • Assisting for ECT 	<ul style="list-style-type: none"> • Short essay

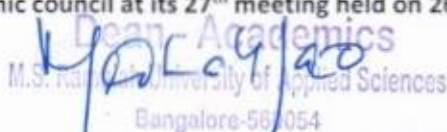
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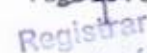
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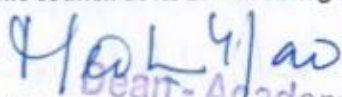
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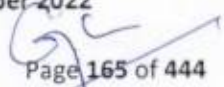
Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> • Contraindications • Mechanisms of action • Side effects • Risks associated with electroconvulsive therapy • The role of the nurse in electroconvulsive therapy 		
XI	10	Describe the psychopharmacological agents, their effects and nurse's role	<p>Psychopharmacology</p> <ul style="list-style-type: none"> • Historical Perspectives • Role of a Nurse in Psychopharmacological Therapy <ul style="list-style-type: none"> ○ Antianxiety agents ○ Antidepressants Agents ○ Mood stabilizers ○ Antipsychotics ○ Sedative-hypnotics ○ Central nervous system stimulants • Future developments 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on psychopharmacology 	<ul style="list-style-type: none"> • Long essay • Evaluation of seminar
XII	08	Describe various types of alternative system of medicines used in psychiatric settings	<p>Alternative systems of medicine in mental health</p> <ul style="list-style-type: none"> • Types of Therapies <ul style="list-style-type: none"> ○ Herbal medicine ○ Unani ○ Siddha ○ Homeopathic ○ Acupressure and acupuncture ○ Diet and nutrition 	<ul style="list-style-type: none"> • Lecture cum discussion • Visit to the Centre for Integrative Medicine and Research (CIMER), NIMHANS 	<ul style="list-style-type: none"> • Short essay

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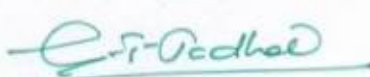

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			<ul style="list-style-type: none"> ○ Chiropractic medicine ○ Therapeutic touch and massage ○ Yoga ○ Pet therapy 		
XIII	07	Elaborate the community mental health initiatives in India	<p>Community mental health nursing</p> <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ○ Primary prevention ○ Populations at risk ○ Secondary prevention ○ Tertiary prevention • Community based rehabilitation	<ul style="list-style-type: none"> • Lecture cum discussion • Field visit to Primary Health Centres (PHC) 	<ul style="list-style-type: none"> • Short essay
XIV	05	Explain the ethical and legal aspects of psychiatry	<p>Ethical and legal issues in psychiatric/mental health nursing</p> <ul style="list-style-type: none"> • Ethical considerations • Legal consideration <ul style="list-style-type: none"> ○ Nurse Practice Acts ○ Types of Law - Mental health laws/Acts 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay

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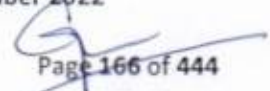


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			<ul style="list-style-type: none"> ○ National mental health authority, state mental health authority ○ Classification within statutory and common law ○ Legal Issues in psychiatric/mental health nursing ○ Nursing liability 		
--	--	--	---	--	--

PRACTICUM

Total = 960 Hours
1 Week = 30 Hours

Sl. No	Area of Posting	No. of week	Total hours
1	Acute Psychiatric Ward	4	120 hours
2	Chronic Psychiatric Ward	4	120 hours
3	Psychiatric Emergency Unit	2	60 hours
4	O.P.D	2	60 hours
5	Family psychiatric unit	2	60 hours
6	Community Mental Health Unit	4	60 hours
7	Rehabilitation / Occupational Therapy Unit/Half way home/ Day care centre	4	120 hours
	Total	22 weeks	660 hours

STUDENT ACTIVITIES

1. History taking
2. Mental health assessment
3. Psychometric assessment
4. Personality assessment
5. Process recording
6. Therapies- Group Therapy
7. Family Therapy
8. Psychotherapy
9. Milieu Therapy
10. The Therapeutic Community
11. Occupational therapy
12. Recreational therapy
13. Play therapy
14. music therapy
15. Pet therapy

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Programme structure and course details of M.Sc. Nursing-2022

16. Counselling
17. Assisted ECT
18. Assisted EEG
19. Case studies
20. Case presentation
21. Project work
22. Socio and psycho drama
23. Field visits

REFERENCE BOOKS

1. Townsend MC, Morgan KI. Psychiatric Mental Health Nursing: Concepts and Care in Evidence-Based Practice. 9th ed. Philadelphia: F.A.Davis Company; 2018.
2. Vyas JN, Ghimire SR. Textbook of Postgraduate Psychiatry. 3rd ed. New Delhi: Jaypee Brothers medical publishers (P) ltd; 2018.
3. Boland R, Verduin ML. Kaplan and Sadock Concise Textbook of Clinical Psychiatry. 5th ed. Philadelphia: Lippincott Williams and Wilkins; 2022.
4. Sadock BJ, Sadock VA. Kaplan and Sadock's Synopsis of Psychiatry: Behavioural Science/Clinical Psychiatry. 11th ed. New Delhi: Lippincott Williams Wilkins; 2017.
5. Sadock BJ, Sadock VA, Ruiz P. Kaplan and Sadock's Comprehensive textbook of psychiatry. 10th ed. New Delhi: Lippincott Williams Wilkins; 2017.

Course Mapping (CO-PO-PSO Mapping)

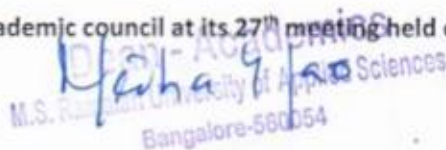
Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)								
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
MNC541A Mental Health (Psychiatric) Nursing	CO 1	1	1	3	2	2	2	2	2	2	2
	CO 2	1	2	2	2	2	2	2	1	2	2
	CO 3	2	2	2	2	2	1	1	1	1	1
	CO 4	3	3	2	2	3	2	2	2	2	2
	CO 5	3	3	3	3	3	2	2	3	2	2
	CO 6	3	3	2	2	3	2	2	2	1	1
	CO 7	3	3	2	2	3	2	2	3	2	2
	CO 8	3	3	2	2	3	2	2	2	1	1
	CO 9	3	3	3	2	3	2	2	1	1	1
	CO 10	2	2	2	2	2	1	2	1	1	1
	CO 11	3	3	3	3	2	2	3	3	2	2
	CO 12	1	1	2	2	2	2	2	1	2	2
	CO 13	2	2	1	2	2	3	3	2	2	2
	CO 14	1	2	2	2	2	2	3	3	2	2
	CO 15	2	2	2	2	2	2	2	2	2	2

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Log book
CLINICAL SPECIALITY –I
PSYCHIATRIC NURSING

Placement : 1 year M.Sc Nursing
 hrs

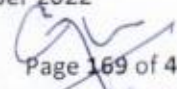
Practicum : 650

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1.	Communication skills					
a)	Interview skills					
b)	Therapeutic communication skills					
c)	Assertive communication					
d)	Process recording (2)					
	1)					
	2)					
2.	Assessment					
a)	History collection & Mental Status Examination (5)					
	1)					
	2)					
	3)					
	4)					
	5)					
b)	Psychometric assessment (2)					
	1)					
	2)					
3.	Administration of psychotropic drugs (Oral, IV/IM)					
	1)					
	2)					
	3)					
	4)					
	5)					
4.	Electro Convulsive Therapy (ECT)					

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a)	Preparation of equipment/Articles					
b)	Preparation of patients					
c)	Assisting/Observation during ECT					
d)	Post - ECT care					
5.	Psycho education (4)					
a)	Stress management					
b)	Promoting of self-esteem					
c)						
d)						
6.	Observation/ attending					
a)	Individual therapy					
b)	Group therapy					
c)	Family therapy					
d)	Occupational therapy					
e)	Recreational therapy					
f)	Play therapy					
7.	Observation report					
a)	Community mental health centre					
b)	Community mental health awareness programme					

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CLINICAL REQUIREMENTS

Sl. No.	Content	Date	Signature of the supervisor
1	Care Plan with nursing theory application (3)		
	1)		
	2)		
	3)		
2	Case Study with nursing theory application (3)		
	1)		
	2)		
	3)		
3	Case presentation with nursing theory application (3)		
	1)		
	2)		
	3)		
4	Drug book		

Teaching Coordinator

H.O.D


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BANGALORE – 54
M.Sc NURSING
SUBJECT : MENTAL HEALTH NURSING
NURSING CARE PLAN EVALUATION PROFORMA

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Introduction	1	
2.	History Collection	10	
3	Physical Examination	1	
4	Mental status examination	10	
5	Investigation & medication	1	
6	Process Recording	10	
7	Nursing Management	10	
8	Discharge Plan	2	
9	Conclusion	1	
10	Reference	2	
11	Time of submission	2	
TOTAL		50	


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BANGALORE – 54
M.Sc NURSING
SUBJECT : MENTAL HEALTH NURSING
NURSING CASE STUDY EVALUATION PROFORMA

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Introduction	1	
2.	History Collection	10	
3	Physical Examination	1	
4	Mental status examination	10	
5	Investigation & medication	1	
6	Process Recording	10	
7	Disease Condition	25	
8	Nursing Management	10	
9	Discharge Plan	2	
10	Conclusion	1	
11	Reference	2	
12	Time of submission	2	
TOTAL		75	

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
M.Sc NURSING

SUBJECT : MENTAL HEALTH NURSING
NURSING CASE PRESENTATION EVALUATION PROFORMA

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Introduction	1	
2	History Collection	10	
3	Physical Examination	1	
4	Mental status examination	10	
5	Investigation & medication	1	
6	Process Recording	5	
7	Fluency	4	
8	Comparison with patient	5	
9	Disease Condition	15	
10	Confidence	2	
11	A.V.aids	2	
12	Group Participation	2	
13	Nursing Management	10	
14	Discharge Plan	2	
15	Conclusion	1	
16	Reference	2	
17	Time of submission	2	
TOTAL		75	


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BANGALORE – 54
M.Sc NURSING
SUBJECT : MENTAL HEALTH NURSING
INDIVIDUAL ASSIGNMENT EVALUATION PROFORMA

Sl. No.	Criteria	Max. marks	Marks obtained
1	Introduction	3	
2	Content	20	
3	Organization	10	
4	Clarity	8	
5	Conclusion	2	
6	Reference	5	
7	Time of Submission	2	
	Total	50	

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BANGALORE – 54
M.Sc NURSING
SUBJECT : MENTAL HEALTH NURSING
EVALUATION PROFORMA FOR GROUP ASSIGNMENT/PROJECT

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Selection of Topic for project	2	
2	Content : Appropriate, Clear & Adequate	5	
3	Creativity	4	
4	Group co-ordination	5	
5	Reference	2	
6	Time of submission	2	
	TOTAL	20	

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COMMUNITY HEALTH NURSING – I

Course Specifications

Course Title	Community Health Nursing – I
Course Code	MNC551A
Course Type	Combination course
Department	Community Health Nursing
Faculty	Nursing

Course Summary

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

PLACEMENT: I YEAR

THEORY: 7.5 Credits (150 hours)

PRACTICUM: Clinical: 8 Credits (650 hours)

Course Outcomes

On completion of the course, the students will 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.
CO-7	Recognize and participate in the management of emergencies, epidemics and disasters.
CO-8	Apply epidemiological concepts and principles in community health nursing practice
CO-9	Apply recent technologies and care modalities while delivering community health nursing care.
CO-10	Appreciate legal and ethical issues pertaining to community health nursing care.
CO-11	Conduct community health nursing care projects.

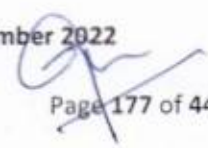
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CO-12	Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.
CO-13	Incorporate evidence-based nursing practice and identify the areas of research in the community settings.
CO-14	Participate effectively as a member of Community Health team.
CO-15	Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.
CO-16	Teach community health nursing to undergraduates, in-service nurses and the community health workers.
CO-17	Demonstrate leadership and managerial abilities in community health nursing practice.

COURSE OUTLINE

Unit	Time (Hrs)	Learning outcomes	Content	Teaching/ Learning activities	Assessment Method
I	10	<p>Appreciate the history and development in the field of Community Health and Community Health Nursing</p> <p>Appreciate legal and ethical issues pertaining to community health nursing care</p> <p>Participate in planning, implementation and evaluation of various national health and family welfare programmes</p>	<p>Introduction</p> <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ○ National health policy ○ National Population policy ○ National Health and welfare Programmes ○ National Health goals/ indicators/Millennium 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on comparison of community health nursing services in India and other countries 	<ul style="list-style-type: none"> • Essay • Short essay • Evaluation of assignment

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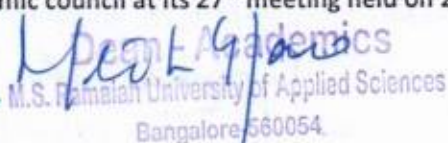
			<p>developmental goals (MDG)/ Strategies</p> <ul style="list-style-type: none"> ○ Planning process: Five-year plans ○ National Rural Health Mission ○ Panchayat raj institutions 		
II	10	Apply recent technologies and care modalities while delivering community health nursing care	<p>Health</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Visit to sewage treatment plant 	<ul style="list-style-type: none"> • Short essay • Field visit report
III	15	Describe the various methods of population control	<p>Population dynamics and control</p> <ul style="list-style-type: none"> • 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 and National Family Health Survey 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar • Field practice: insertion of IUCD 	<ul style="list-style-type: none"> • Short essay • Evaluation of seminar
IV	30	<p>Demonstrate leadership and managerial abilities in community health nursing practice</p> <p>Integrate the concepts of family centred nursing</p>	<p>Community health Nursing</p> <ul style="list-style-type: none"> • Philosophy, aims, objectives, concepts, scope, principles and functions • Community health Nursing theories and models • Quality assurance: Community health Nursing standards, competencies, Monitoring community health nursing, nursing audits 	<ul style="list-style-type: none"> • Lecture • Discussion • Community health survey • Home visit • Demonstration: Nutritional assessment for different age group 	<ul style="list-style-type: none"> • Essay • Short essay • Assessment of skills with checklist

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Programme structure and course details of M.Sc. Nursing-2022

		<p>approach while providing care to the community</p> <p>Apply nursing process approach while providing care to individuals, families, groups and community</p> <p>Perform physical, developmental and nutritional assessment of individuals, families and groups</p>	<ul style="list-style-type: none"> • Family nursing and Family centred nursing approach • Family health nursing process <ul style="list-style-type: none"> ○ 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 		
V	25	Participate effectively as a member of Community Health team in maternal and neonatal care	<p>Maternal and neonatal care</p> <ul style="list-style-type: none"> • IMNCI (Integrated Management of Neonatal and Childhood Illnesses) module • Skilled Birth Attendant (SBA) module 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration: Antenatal and postnatal assessment 	<ul style="list-style-type: none"> • Essay • Short essay • Return demonstration
VI	15	Recognize and participate in the management of emergencies, epidemics and disasters	<ul style="list-style-type: none"> • Disaster nursing (INC module on Reaching out: Nursing Care in emergencies) 	<ul style="list-style-type: none"> • Lecture • Discussion • Mock drill: disaster preparedness 	<ul style="list-style-type: none"> • Short essay
VII	20	Apply epidemiological concepts and principles in community health nursing practice	<p>Epidemiology</p> <ul style="list-style-type: none"> • Introduction <ul style="list-style-type: none"> ○ Concept, scope, definition, trends, History and development of modern Epidemiology ○ Contribution of epidemiology ○ Implications 	<ul style="list-style-type: none"> • Lecture • Discussion • Field visit to epidemic hospital 	<ul style="list-style-type: none"> • Essay • Short essay

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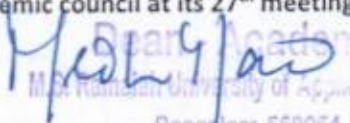

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Programme structure and course details of M.Sc. Nursing-2022

		Incorporate evidence-based nursing practice and identify the areas of research in the community settings	<ul style="list-style-type: none"> Epidemiological methods Measurement of health and disease: Health policies Epidemiological approaches <ul style="list-style-type: none"> Study of disease causatives Health promotion Levels of prevention Epidemiology of <ul style="list-style-type: none"> 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 		
VIII	10	Describe the principles, strategies and behaviour change communication skills	Information, education and communication <ul style="list-style-type: none"> IEC/BCC: Principles and strategies Communication skills Management information and evaluation system: Records and reports Information technology Telemedicine and telenursing Journalism Mass media Folk media 	<ul style="list-style-type: none"> Lecture Discussion Assignment on preparation of IEC materials 	<ul style="list-style-type: none"> Short essay Evaluation of assignment
IX	15	Discuss health care delivery system in India at various level	Health care delivery system: Urban, rural, tribal and difficult areas <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Lecture Discussion Visits to various health care delivery system Panel discussion on alternative systems of medicine 	<ul style="list-style-type: none"> Short essay Visit reports

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Programme structure and course details of M.Sc. Nursing-2022

		<p>Coordinate and collaborate with various agencies operating in the community using inter-sectoral approach</p>	<ul style="list-style-type: none"> • 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 		
--	--	--	--	--	--

PRACTICUM

Total = 660 hrs

1 Week = 30 hrs

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

STUDENT ACTIVITIES

1. Identification of community leaders and resource persons (community mapping)
2. Community health survey
3. Community health nursing process- individual, family and special groups and community
4. Counselling
5. Health education – campaign, exhibition, folk media, preparation of IEC materials
6. Organising and participating in special clinics/camps and national health and welfare programmes Organise at least one health and family welfare mela/fair (all stalls of national health and family welfare activities should be included)
7. Estimation of Vital health statistics –Exercise
8. Drill for disaster preparedness
9. Organise at least one in-service education to ANM's/LHV/PHN/HW
10. Nutrition – Exercise on nutritional assessment on dietary planning, demonstration and education for various age groups
11. Filling up of Records, reports and registers maintained at SC/PHC/CHC

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S. P. Reddy

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H. H. Rao

Head Academics
M.S.Ramaiah University of Applied Sciences
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G. S. Rao

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Programme structure and course details of M.Sc. Nursing-2022

12. Assist women in self-breast examination
13. Conduct antenatal examination
14. Conduct vaginal examination
15. Conduct deliveries
16. Post-natal visits
17. Perform episiotomy and suturing
18. Prepare Pap smear
19. Conduct Insertion/Removal of IUD
20. Blood Slide preparation
21. Field visits
22. Maintenance of log book for various activities

REFERENCE BOOKS


1. Park K. Park's textbook of Preventive and Social Medicine. 26th ed. Jabalpur: Banarsidas bhanot publisher; 2021.
2. Stanhope M, Lancaster J. Public Health Nursing-Population centered health in the Community. 10th ed. Missouri: Mosby Elsevier publication; 2019.
3. Gulani KK. Community Health Nursing Principles and Practices. 3rd ed. New Delhi: Kumar publishing house; 2019.
4. Kamalam S. Essentials in Community Health Nursing Practice. 4th ed. New Delhi: Jaypee brother's medical publication (P) ltd; 2022.
5. Swarnkar K. Community Health Nursing. 3rd ed. Indore: N.R.Brothers publisher; 2018.
6. Allender JA, Rector C, Warner KD. Community Health Nursing: Promoting and Protecting the Public health. 7th ed. Philadelphia: Wolters Kluwer/ Lippincott Williams &Wilkins; 2019.
7. Saxena RP. Text book of Community Health Nursing -II. 2nd ed. New Delhi: Lotus publishers; 2020.


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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
COMMUNITY HEALTH NURSING - I	CO 1	2	2	2	2	2	1	2	2	2
	CO 2	3	3	3	3	3	2	3	3	3
	CO 3	3	3	3	3	3	2	3	3	3
	CO 4	3	3	3	3	3	2	3	3	3
	CO 5	3	3	3	3	3	2	3	3	3
	CO 6	3	3	3	3	3	2	3	3	3
	CO 7	3	3	3	3	3	2	3	3	3
	CO 8	3	3	3	3	3	2	3	3	3
	CO 9	3	2	3	3	3	2	3	3	3
	CO 10	3	2	3	3	3	1	3	3	2
	CO 11	2	2	2	3	3	2	3	3	2
	CO 12	3	3	3	3	3	2	3	3	3
	CO 13	3	3	3	3	3	3	3	3	3
	CO 14	3	3	3	3	3	3	3	3	3
	CO 15	3	3	3	3	3	3	3	3	3
	CO 16	3	3	3	3	3	3	3	3	3
	CO 17	3	3	3	3	3	2	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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**CLINICAL SPECIALITY –I
COMMUNITY HEALTH NURSING**

Placement : 1 year M.Sc Nursing

Practicum : 650 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1.	Community Mapping					
2.	Community health survey					
3.	Collection and compilation of vital health statistics					
4.	Conduct counselling for					
	a) Adolescent					
	b) Safe abortion services					
	c) Family planning					
5.	Health education					
	a) Conduct mass health education					
	b) Health exhibition					
	c) Preparation of IEC materials					
6.	BCC (Behaviour change communication) skills					
	• Abstinence from tobacco use					
	• Reduction of salt in diet					
	• Reduction in alcohol intake					
	• Balanced diet					
	• Reduction in insufficient physical activity					
7.	Organize & participate in various clinics					
	a) Antenatal clinic					
	b) Under-five clinic / immunization clinic					
8.	Assist in health and family welfare services					

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Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> • Oral contraceptives 					
	<ul style="list-style-type: none"> • IUD 					
	<ul style="list-style-type: none"> • Tubectomy / vasectomy 					
9.	Assessment and Management of STIs and RTIs					
10.	Drill for disaster Preparedness					
11.	Organize in-service education to ANM / LHV / PHN Health worker					
12.	Nutrition					
	a) Nutritional assessment					
	b) Plan diet for different groups (Any Two-Under-five children/Antenatal Mother /Adolescent/Geriatric/Hypertension /Diabetes mellitus)					
	c) Nutritional demonstration					
13	Antenatal examination					
	a)					
	b)					
	c)					
	d)					
14	Vaginal examination					
	a)					
	b)					
15	Conduct deliveries					
	a)					
	b)					
16	Postnatal care					
	a)					
	b)					
	c)					
	d)					

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Programme structure and course details of M.Sc. Nursing-2022

17	Prepare PAP smear					
	a)					
	b)					
18	Insertion of interval IUCD					
19	Removal of IUCD					
20	Preparation of blood smear					
	a)					
	b)					
21	Perform procedure using Bag technique					
	• TPR					
	• Urinalysis for glucose and albumin					
	• Hemoglobin estimation					
	• Wound dressing					
	• Newborn care					
22	Screening, diagnosing, management and referral of clients with common non-communicable diseases					
	• Hypertension					
	• Diabetes mellitus					
	• Cancer					
	○ Oral					
	○ Breast					
	○ Cervical					

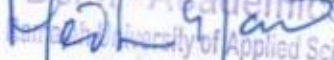
PLAN COMPREHENSIVE CARE AND IMPLEMENT UTILIZING NURSING THEORY AND NURSING PROCESS

Sl. No	Area	Date	Name of the family member	Identified health problems	Duration of study	Signature
Care plan						
1.						
2.						
3.						
4.						
5.						
6.						
Case study						
1.						

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Programme structure and course details of M.Sc. Nursing-2022

FIELD VISITS

Sl No.	Place of Visit	Date of Visit	Signature of the Supervisor
1	Old age homes		
2	Sewage management system		
3	District hospital		
4	Epidemic disease hospital		

HEALTH TALK

Sl No	Date	Topic	Focused group	AV aids	Signature
1					
2					
3					

Teaching Coordinator

H.O.D

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BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
CARE PLAN EVALUATION FORMAT

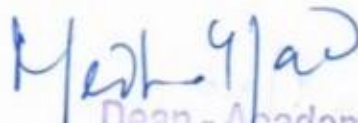
Name of the Student : Topic :
Batch : Date of submission :
Placement : Evaluation :
Area :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Socio economic background of the family	5	
2	Physical Examination of the client	3	
3	Nutritional Assessment	2	
4	Investigation and treatment	2	
5	Identification of needs and problems	2	
6	Nursing diagnosis based on priority	2	
7	Nursing care plan	5	
8	Health Education	2	
9	Bibliography	1	
10	Organization of the content	1	
	Total	25	

COMMENTS:

SIGNATURE OF THE STUDENT:
Date:

SIGNATURE OF THE EVALUATOR
Date:


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BANGALORE – 54

DEPARTMENT OF COMMUNITY HEALTH NURSING

EVALUATION CRITERIA FOR FAMILY CASE STUDY

Name of the Student : Area :
Batch : Topic :
Placement : Date of submission :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Introduction	1	
2	Socio economic background of the family	5	
3	History Collection	3	
3	Physical Assessment	5	
4	Nutritional Assessment	5	
5	Investigation and treatment	2	
6	Identification of needs and problems	2	
7	Nursing diagnosis based on priority	2	
8	Nursing process	10	
9	Review of literature	8	
10	Health Education	3	
11	Conclusion	1	
12	Bibliography	2	
13	Organization of the content	1	
	Total	50	

COMMENTS:

SIGNATURE OF THE STUDENT:

SIGNATURE OF THE EVALUATOR

DATE :

DATE:


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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
ASSIGNMENT PRESENTATION EVALUATION FORMAT**

Topic : Date :
Presented by : Time :
Evaluated by : Ward :

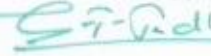
Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Introduction	2	
2	Content a) Relevant b) Adequate c) Organization d) Depth of knowledge e) Recent advancement	6	
3	Presentation a) Voice audible b) Clarity c) Modulation d) Confidence e) Posture and language	7	
4	A.V.Aids a) Appropriate b) Proper usage	3	
5	Time Management	2	
6	Conclusion	2	
7	References	3	
		25	

COMMENTS:

SIGNATURE OF THE STUDENT:
Date:

SIGNATURE OF THE EVALUATOR
Date:

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BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
CLASS PRESENTATION EVALUATION FORMAT

Topic : Date :
Presented by : Time :
Evaluated by : Ward :

Sl.No.	Criteria	Marks Allotted	Marks obtained
1	Introduction	2	
2	History collection & Physical examination	5	
3	Nursing Care Plan	5	
4	A.V.Aids used	4	
5	Presentation (simple - complex)	4	
6	Adequacy of content	3	
7	Sequence and continuity	2	
8	Creativity and Illustration of content	3	
9	Entertaining discussion	2	
10	Health education	5	
11	Research Support	5	
12	Completeness of topic	3	
13	Conclusion	2	
14	Bibliography	3	
15	Time of submission	2	
Total		50	

COMMENTS:

SIGNATURE OF THE STUDENT:

Date:

SIGNATURE OF THE EVALUATOR

Date:

Madhav Rao

[Signature]

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DEPARTMENT OF COMMUNITY HEALTH NURSING
HEALTH EDUCATION EVALUATION FORMAT**

Name of the Student : _____ Topic : _____
 Batch : _____ Date of submission : _____
 Placement : _____ Evaluation : _____
 Area : _____

Sl. No.	Criteria	Marks Allotted	Marks obtained
I	HEALTH EDUCATION PLAN		
1.	Objectives clear & appropriate	1	
2	Selection, sequence and adequate subject matter	1	
3	Selection of topic based on the needs/problems	2	
II	PRESENTATION		
1.	Introduction relevant and motivation	1	
2	Evaluates the knowledge	1	
3	Observes principles of teaching and learning	2	
4	Explanation-adequate, clear and confident	3	
5	Uses appropriate methods	2	
6	Encourages group	3	
7	Confined to the time limit	1	
III	INSTRUCTIONAL AIDS		
1	Selection-appropriate & adequate	2	
2	Follows principles of audio visual Aids preparation	2	
IV	PERSONAL & PROFESSIONAL BEHAVIOUR		
1	Appearance and posture appropriate & well groomed	2	
2	Verbal communication pleasant and observant	2	
	Total	25	

COMMENTS:

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DATE:

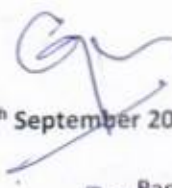
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Programme structure and course details of M.Sc. Nursing-2022

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.Sc NURSING

DEPT. OF COMMUNITY HEALTH NURSING

EVALUATION TOOL FOR SEMINAR

Name of the Student:

Date & Time:

Course:

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	INTRODUCTION: a. Appropriate b. Interesting					
2	CONTENT: a. Relevant b. Adequate c. Organization d. Depth of knowledge e. Recent advancement					
3	PRESENTATION: a. Voice audible b. Clarity c. Modulation d. Confidence e. Posture & language					
4	A.V.AIDS: a. Appropriate b. Preparation c. Visibility d. Proper usage					
5	BIBLIOGRAPHY: a. Books b. Journals c. Research studies d. Others					
	TOTAL					

COMMENTS :

SIGNATURE OF THE EVALUATOR

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E. T. Reddy

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BANGALORE – 54

M.Sc NURSING
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR COOKING DEMONSTRATION

Name of the Student : Area :
Year : House Number :
Topic : Date :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Hand Washing	1	
2	Selection of type of diet	2	
3	Self resourcefulness	2	
4	Need based diet	3	
5	Appropriate ingredients	2	
6	Hygienic preparation	3	
7	Involving the family	2	
8	Served attractively	2	
9	Educating family members regarding importance of the diet	2	
10	Nutritive chart with nutritive values	3	
11	Care of the articles after the preparation	1	
12	Conclusion	1	
13	Bibliography	1	
Total		25	

COMMENTS:

SIGNATURE OF THE STUDENT:

Date:

SIGNATURE OF THE EVALUATOR

Date:

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DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR VITAL SIGNS

Name of the Student :

Year :

Area of Work :

Date :

Procedure :

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Checking temperature • Checking pulse and respiration • Checking blood pressure 	7	
7	Discarding the waste	1	
8	Hand Washing	2	
9	Replacement of the Articles	1	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

Meha Rao

[Signature]

Approved by the Academic council at its 27th meeting held on 26th September 2022

[Signature]

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DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR BAG TECHNIQUE

Name of the Student : Year :
Area of Work : Date :
Procedure :

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper	1	
3	Opening the bag	1	
4	Removing hand washing articles	2	
5	Hand Washing	2	
6	Removing necessary articles for procedure	2	
7	Performing procedure	4	
8	Discarding the waste	1	
9	Hand Washing	1	
10	Replacement of the Articles	2	
11	Folding the news paper	1	
12	Method of carrying the bag	1	
13	Knowledge about the usage of bag	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

Meetha
Dean - Academics

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Bangalore-560054

S. S. Radhakrishnan

Principal and Dean

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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR URINE ANALYSIS**

Name of the Student : _____ Year : _____
Area of Work : _____ Date : _____
Procedure : _____

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Collection of urine • Benedict/Albumin Test 	6	
7	Discarding the waste	1	
8	Hand Washing	2	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

Mahalyad

[Signature]

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[Signature]

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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR UNDER FIVE ASSESSMENT**

Name of the Student : _____ Year : _____
Area of Work : _____ Date : _____
Procedure : _____

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Anthropometric measurement • Physical assessment • Nutritional assessment 	6	
7	Discarding the waste	1	
8	Hand Washing	2	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

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SIGNATURE OF THE CLINICAL INSTRUCTOR

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Principal and Dean

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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR POSTNATAL ASSESSMENT**


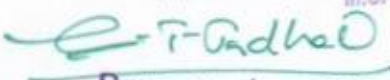
Name of the Student : _____ Year : _____
Area of Work : _____ Date : _____
Procedure : _____

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Postnatal assessment • Breast examination • Fundal Height • Perineal Examination Homan's sign 	7	
7	Discarding the waste	1	
8	Hand Washing	1	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	


REMARKS :

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SIGNATURE OF THE CLINICAL INSTRUCTOR


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 Bangalore-560054

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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR ANTENATAL ASSESSMENT**

Name of the Student : _____ Year : _____
Area of Work : _____ Date : _____
Procedure : _____

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Antenatal Assessment • Breast examination • Abdominal examination 	8	
7	Discarding the waste	1	
8	Hand Washing	1	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

M. S. Ramaiah

M.S. Ramaiah University of Applied Sciences

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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE - 54**

OBSERVATION CHECKLIST OF POSTNATAL EXERCISE

Name of the Student :

Date & Time :

Course & Year :

Name of the Evaluator :

Place :

Sl. No.	Steps	V. Poor	Poor	Average	Good	Excellent
1	Explain the procedure					
2	Arrange necessary A.V.aids					
3	Maintain Privacy					
4	Knowledge about the purpose, indication, contraindication of postnatal exercise					
5	Demonstrate with various A.V.aids to explain exercise					
6	Simple exercise to strenuous exercise					
7	Simple exercise to strenuous exercise					
8	Health Education for postnatal mother					
9	Feedback from the patient					
10	Replacing A.V.aids					
11	Recording of Procedure					

Scoring : < 25 – Repeat
25-35 – Average
35-45 – Good
45-50 – Excellent

Signature of the student

Signature of the Evaluator

Maha. G. Rao
Dean - Academics

G. J.

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E. T. Radhe

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SECOND YEAR M.Sc. NURSING

NURSING MANAGEMENT

Course Specifications

Course Title	Nursing Management
Course Code	MNC601A
Course Type	Combination course
Department	Child Health Nursing
Faculty	Nursing

Course Summary

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

PLACEMENT: II Year

THEORY: 7.5 Credits (150 hours)

PRACTICUM: Clinical: 2 Credits (150 hours)

Course Outcomes

On completion of the course, the students 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	Explain duties and responsibilities of various category of nursing personnel.
CO-9	Practice effective communication skills among health care team members.
CO-10	Describe the process of material management and inventory control.

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Programme structure and course details of M.Sc. Nursing-2022

CO-11	Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
CO-12	Identify and analyse legal and ethical issues in nursing administration.
CO-13	Describe the process of quality assurance in nursing services.
CO-14	Demonstrate leadership in nursing at various levels.

COURSE OUTLINE


Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	10	Describe the philosophy and objectives of the health care institutions at various levels. Discuss the public administration, health care administration vis a vis nursing administration	Introduction <ul style="list-style-type: none"> Philosophy, purpose, elements, principles and scope of administration Indian constitution, Indian administrative system vis a vis health care delivery system: National, state and local Organisation and functions of nursing services and education at national, state, district and institutions: Hospital and community Planning process: <ul style="list-style-type: none"> Five-year plans Various committee reports on health State and National Health Policies (NHP) National population policy and National policy on AYUSH 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on national health policy 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
II	10	Describe the principles of administration applied to nursing	Management <ul style="list-style-type: none"> Concept of management Functions of administration Planning and control Co-ordination and delegation Decision making 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on formulation of vision, mission, philosophy and objectives of 	<ul style="list-style-type: none"> Long Essay Short essay Evaluation of assignment

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Programme structure and course details of M.Sc. Nursing-2022

		Identify trends and issues in nursing administration	<ul style="list-style-type: none"> Decentralization: Basic goals of decentralisation <p>Nursing management</p> <ul style="list-style-type: none"> Concept, types, principles and techniques Vision and mission statements Philosophy, aims and objective Current trends and issues in nursing administration Theories and models <p>Application to nursing service and education</p>	college of nursing and nursing service department	
III	15	Discuss the planning and management of nursing workforce for various health care settings	<p>Planning</p> <ul style="list-style-type: none"> Planning process: Concept, principles and institutional policies Mission, philosophy and objectives Strategic planning Operational plans Management plans Programme evaluation and review technique (PERT), Gantt chart and Management by objectives (MBO) Planning new venture Planning for change Innovations in nursing <p>Application to nursing service and education</p>	<ul style="list-style-type: none"> Lecture cum discussion Seminar on Innovations in nursing service 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
IV	15	Explain the organization of health and nursing services at the various levels/institutions	<p>Organisation</p> <ul style="list-style-type: none"> Concept and principles Types and theories Organizational structure Organizational effectiveness Organizational climate Organization of nursing services and patient care: 	<ul style="list-style-type: none"> Lecture cum discussion Preparation of Organisation chart of hospital and college of nursing Mock drill: disaster preparedness 	<ul style="list-style-type: none"> Short essay Evaluation of assignment

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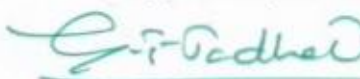

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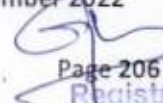
Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> o Methods of patient assignment: advantages and disadvantages o Primary nursing care • Planning and Organization: <ul style="list-style-type: none"> o Hospital unit o Ancillary services (CSSD, laundry, kitchen, laboratory services, emergency) • Disaster management: Plan, resources and drill <p>Application to nursing service and education</p>		
V	15	Explain duties and responsibilities of various category of nursing personnel	<p>Human Resource for health</p> <ul style="list-style-type: none"> • Staffing <ul style="list-style-type: none"> o Philosophy o Norms: Staff inspection unit (SIU), Bajaj committee, High power committee, Indian Nursing Council (INC) and National Accreditation Board for Hospitals (NABH) o Estimation of nursing staff requirement- Acuity based analysis o Various research studies • Recruitment: Credentialing, selection, placement and promotion • Retention • Personnel policies • Termination • Staff development programme • Duties and responsibilities of various category of nursing personnel <p>Applications to nursing service and education</p>	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on calculation of staffing requirements for a specified ward • preparation of Job description for various categories of nursing personnel • Preparation of duty roster 	<ul style="list-style-type: none"> • Long essay • Evaluation of assignment

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Programme structure and course details of M.Sc. Nursing-2022

VI	15	Practice effective communication skills among health care team members	<p>Directing</p> <ul style="list-style-type: none"> • Concept of directing • Roles and functions • Motivation: <ul style="list-style-type: none"> ○ Types: Intrinsic and extrinsic ○ Creating motivating climate ○ Motivational theories • Communication: <ul style="list-style-type: none"> ○ Concept and process ○ Types of communication ○ Channels of communication ○ Barriers of communication • Public relations • Delegation: Common delegation errors • Managing conflict: Process, management, negotiation and consensus • Collective bargaining: Health care labour laws, unions, professional associations and role of nurse manager • Occupational health and safety <p>Application to nursing service and education</p>	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on management of conflict 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignments
VII	10	Describe the process of material management and inventory control	<p>Material management</p> <ul style="list-style-type: none"> • Concepts, principles and procedures • Planning and procurement procedures: Specifications • Planning equipment's and supplies for nursing care: Unit and hospital 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on estimating the equipment's required for patient care unit 	<ul style="list-style-type: none"> • Long Essay • Evaluation of assignment

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Programme structure and course details of M.Sc. Nursing-2022

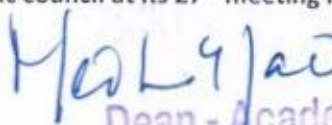
			<ul style="list-style-type: none"> • Inventory control • ABC analysis • VED (very important and essential daily use) analysis • Condemnation <p>Application to nursing service and education</p>		
VIII	15	<p>Describe the process of quality assurance in nursing services.</p> <p>discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care</p>	<p>Controlling</p> <ul style="list-style-type: none"> • Quality assurance – Continuous Quality Improvement (CQI) <ul style="list-style-type: none"> ○ Standards ○ Models ○ Nursing audit • Accreditation agencies and process • Performance appraisal: Tools, confidential reports, formats, management and interviews • Supervision and management: concepts, principles, tools and techniques • Discipline: <ul style="list-style-type: none"> ○ Service rules (SR) ○ Self-discipline ○ Constructive versus destructive discipline ○ Problem employees ○ Disciplinary proceedings-enquiry • Self-evaluation or peer evaluation, patient satisfaction and utilization review <p>Application to nursing service and education</p>	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on preparation of tools for performance appraisal 	<ul style="list-style-type: none"> • Long Essay • Evaluation of assignment
IX	15	Describe the steps and	<p>Fiscal planning</p> <ul style="list-style-type: none"> • Concept of budgeting 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay

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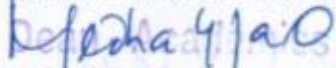
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		process of budgeting	<ul style="list-style-type: none"> Budget estimate, revised estimate and performance budget Types of budgeting: Plan and non-plan, zero budgeting, mid-term appraisal, capital and revenue Steps- budgeting process Budgeting for various units and levels Audit Cost control and cost effectiveness Cost accounting Critical pathways Health care reforms Health economics Health insurance <p>Application to nursing service and education</p>	<ul style="list-style-type: none"> Seminar on estimation of budget for patient care unit 	<ul style="list-style-type: none"> Evaluation of seminar
X	10	Explain the use of computers and electronic health records in hospital and community health nursing practice	<p>Nursing informatics</p> <ul style="list-style-type: none"> Trends General purpose Use of computers in hospital and community Patient record system Nursing records and reports Management information and evaluation system (MIES) E- nursing, telemedicine and telenursing Electronic medical records 	<ul style="list-style-type: none"> Lecture cum discussion Clinical practice on use of hospital information system 	<ul style="list-style-type: none"> Short essay
XI	10	Demonstrate leadership in nursing at various levels	<p>Leadership</p> <ul style="list-style-type: none"> Concepts and types Theories of leadership Styles of leadership Manager behaviour Leader behaviour Effective leader: Characteristics and skills 	<ul style="list-style-type: none"> Lecture cum discussion Organise in-service education programme on stress management for nurse managers 	<ul style="list-style-type: none"> Long Essay Evaluation of in-service education programme

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> • Group dynamics • Power and politics • Lobbying • Critical thinking and decision making • Stress management <p>Applications to nursing service and education</p>		
XII	10	Identify and analyse legal and ethical issues in nursing administration	<p>Legal and ethical issues</p> <p>Laws and ethics</p> <ul style="list-style-type: none"> • Ethical committee • Code of ethics and professional conduct • Legal system: Types of law, tort law and liabilities • Legal issues in nursing: negligence, malpractice, invasion of privacy and defamation of character • Patient care issues, management issues and employment issues • Medico legal issues • Nursing regulatory mechanisms: licensure and renewal • Patient's rights and consumer protection act (CPA) • Rights of special groups: children, women, HIV, handicap and ageing • Professional responsibility and accountability • Infection control • Standard safety measures 	<ul style="list-style-type: none"> • Lecture cum discussion • Develop nursing standards/ Protocols for patient care units 	<ul style="list-style-type: none"> • Short essay

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PRACTICUM

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


REFERENCE BOOKS

1. Basu R. Public Administration Concepts and Theories. 5th ed. New Delhi: Sterling Publications Private Limited; 2019.
2. Marquis BL. Leadership Roles and Management Functions in Nursing: Theory and Application. 9th ed. Philadelphia: Wolters Kluwer Health Publishers; 2017.
3. Koontz H. Essentials of Management: An International, Innovation and Leadership Perspective. 11th ed. New Delhi: McGraw Hill publishers; 2020.
4. Robbins SP. Essentials of Organizational Behaviour. 14th ed. England: Pearson Education; 2018.
5. Dessler G, Varrkey B. Human Resource Management. 16th ed. New York: Pearson Education; 2020.
6. Nancy Sr. Stephanie's Principles & Practice of Nursing. 5th ed. (vol 2), Indore: N.R. Publishing House; 2019.

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Bangalore-560054


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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
Nursing Management	CO 1	3	2	1	3	3	2	3	3	2
	CO 2	3	3	3	3	3	3	3	3	3
	CO 3	2	2	2	2	2	1	2	2	2
	CO 4	3	3	3	3	3	2	3	2	2
	CO 5	3	2	2	3	3	2	3	3	2
	CO 6	3	3	3	3	3	2	3	3	3
	CO 7	3	3	3	3	3	2	3	3	3
	CO 8	3	3	3	3	3	1	3	3	3
	CO 9	3	2	3	3	3	2	3	3	3
	CO 10	2	2	2	2	2	1	2	2	2
	CO 11	3	3	3	3	3	2	3	3	3
	CO 12	3	3	3	3	3	1	3	3	3
	CO 13	3	3	3	3	3	2	3	3	3
	CO 14	3	3	3	3	3	2	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

H. S. Rao
Dean - Academics

[Signature]

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Log book

NURSING MANAGEMENT

Sl. No	Activities to be performed	Date	Signature of the Faculty
1.	Prepare a vision and mission statement		
	• Hospital & nursing service department		
	• College of nursing		
2.	Preparation of the Organization chart		
	• Hospital		
	• Nursing service department		
3.	Preparation of Policies		
	• Hospital		
	• Nursing service department		
4.	Developing Budget Proposal for a patient care unit		
5.	Design a layout plan		
	• Patient care unit (Ward)		
	• College of nursing		
6.	Calculation of staffing requirements		
	• Nursing Services		
	• Nursing Education		
7.	Plan of action for recruitment process		
	• Community		
	• Community (Primary health centre)		
8.	Formulation of Job description for nursing personnel		
	• Nursing Services		
	• Nursing Education		

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Programme structure and course details of M.Sc. Nursing-2022

	<ul style="list-style-type: none"> Community 		
9.	Estimating the requirement of equipment's and supplies for a specialty unit		
10.	Preparation of duty roster for patient care unit		
11.	Plan of action for Performance Appraisal Participation in performance appraisal of nursing staff		
12.	Preparation and Presentation of <ul style="list-style-type: none"> Anecdotal Records Incident report Day report Night report Handing and taking over reports 		
13.	Preparation of student anecdotes Participation in clinical evaluation of students		
14.	Developing Standards for patient's care.		
15.	Preparation of an assessment tool for evaluation of standard of care		
16.	Organization of a staff development program		
17.	Identify the problems of speciality units and develop plan of action by using problem solving approach.		
17	Prepare a plan for disaster management		
18	Educational Institution visit report		

Teaching Coordinator

H.O.D

Meha Gao

[Signature]

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT: NURSING MANAGEMENT

ASSIGNMENT EVALUATION FORMAT

Name of the student:

Year:

Topic:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Content: adequate and relevant	20	
2	Comprehensiveness	5	
3	Organization of content	5	
4	Creativity (Images/pictures/illustrations)	10	
5	Time of submission	5	
6	References	5	
	Total	50	

Remarks:

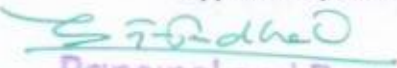
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : NURSING MANAGEMENT

EVALUATION PROFORMA: INVENTORY

Name of the student:

Year:

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Concept of inventory control	2	
2.	details on number of equipment's and drugs	10	
3	Details on working condition of equipment's and drugs	5	
4	Conclusion	1	
5	References	2	
TOTAL		20	

Remarks:

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : NURSING MANAGEMENT

EVALUATION PROFORMA : DUTY ROASTER

Name of the student:

Year:

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Concept of duty roaster	2	
2.	details of the staff nurses with designation	4	
3	Planning – type of duty, timings & day off	7	
4	Total number of staff work in each shift	2	
5	Comparison of staff patient ratio as per INC norms	2	
6	Conclusion	1	
7	Reference	2	
TOTAL		20	

Remarks:

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : NURSING MANAGEMENT

EVALUATION PROFORMA : FLOOR PLAN

Name of the student:

Year:

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Physical layout of the ward	10	
2	Directions & keys	4	
3	Neatness	3	
4	Clarity	3	
TOTAL		20	

Remarks:

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : NURSING MANAGEMENT

EVALUATION PROFORMA

JOB DESCRIPTION OF _____

Name of the student:

Year:

Sl. No.	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Concept of Job Description	2	
2	Essential Qualifications to the job	2	
3	Direct patient care/ Supervisory activities/ Educational activities/Administrative activities	12	
4	Job summary	1	
5	Conclusion	1	
6	References	2	
TOTAL		20	

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BANGALORE – 54

SUBJECT : NURSING MANAGEMENT

EVALUATION PROFORMA : NURSING ROUNDS

Name of the student:

Year:

Sl. No	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Explains concept of nursing rounds	2	
2	Explains about nursing care of the patients	6	
3	Has adequate knowledge on patient care	4	
4	Clarifies the doubts of the group about nursing care	2	
5	Encourages the discussion with in the group	2	
6	Follows time limit	2	
7	Conclusion	2	
Total		20	

Remarks:

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S. S. Ramaiah

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : NURSING MANAGEMENT

EVALUATION PROFORMA : ANECDOTAL RECORDS

Name of the student:

Year:

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Concept of anecdotal record	4	
2	Procedure observed	3	
3	Description of the observation	6	
4	Interpretation	4	
5	Recommendations	2	
6	References	1	
TOTAL		20	

Remarks:

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : NURSING MANAGEMENT

CLINICAL TEACHING EVALUATION FORM

Name of the student:

Year:

Sl. No.	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Preparation for the articles and patient	4	
2	Demonstration of procedure	8	
3	Application of scientific principles in procedure	4	
4	Discussion with the students	2	
5	After care of the patient and articles	2	
	Total	20	

Remarks:

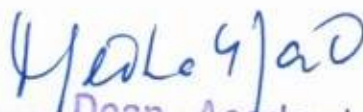
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT: NURSING ADMINISTRATION

EVALUATION PROFORMA: CENSUS

Name of the student:

Year:


Sl. No.	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Components of Census	4	
2.	Regularity in daily maintenance of census	2	
3	Accuracy in Maintenance of Record	2	
4	Summary of the overall census	2	
TOTAL		10	

Remarks:

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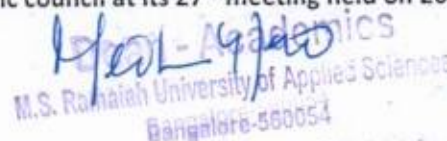
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Programme structure and course details of M.Sc. Nursing-2022

NURSING RESEARCH AND STATISTICS

Course Specifications

Course Title	NURSING RESEARCH AND STATISTICS
Course Code	MNC503A & MNC504 A
Course Type	Core course
Faculty	Nursing

Course Summary

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

Placement: I Year

Hours of Instruction

Theory : 150 hrs
Practical:100 hrs
Total : 250 hrs

Part-A: Nursing Research

Theory : 100 hrs
Practical:50 hrs
Total : 150 hrs

Course Outcomes

On completion of the course, the students will be able to

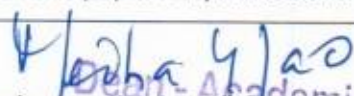
CO-1	Define basic research terms and concepts.
CO-2	Review literature utilizing various sources.
CO-3	Describe research methodology.
CO-4	Develop a research proposal.
CO-5	Conduct a research study.
CO-6	Communicate research findings.
CO-7	Utilize research findings.
CO-8	Critically evaluate nursing research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

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Programme structure and course details of M.Sc. Nursing-2022

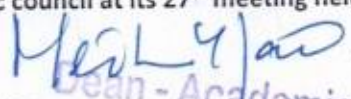
COURSE OUTLINE

T – Theory, L/SL – Lab/Skill Lab

Unit	Hours		Learning outcome	Content	Teaching / Learning activities	Assessment methods
	T	P				
I	10		Define basic research terms and concepts	Introduction <ul style="list-style-type: none"> • Methods of acquiring knowledge - Problem solving and scientific method • Research – Definition, characteristics, purposes and kinds of research • Historical evolution of research in nursing • Basic research terms • Scope of nursing research: Areas and problems in nursing • Health and social research • Concept of evidence based practice • Ethics in research • Overview of research process 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on identification of research priorities on a given area/speciality 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment
II	5	5	Review literature utilizing various sources	Review of literature <ul style="list-style-type: none"> • Importance, purposes, sources, criteria for selection of resources and steps in reviewing literature 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on reviewing of research report/article • Assignment on preparation of annotated bibliography 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment
III	12		Discuss various research approaches and designs	Research Approaches and designs <ul style="list-style-type: none"> • Type: Quantitative and qualitative • Historical, survey and experimental • Characteristics, types advantages and disadvantages • Qualitative: Phenomenology, grounded theory and ethnography 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay

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Programme structure and course details of M.Sc. Nursing-2022

IV	10	5	Formulate problem statement	Research problem <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on writing statement of problem and objectives 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
V	5	5	Develop theoretical / conceptual frame work	Developing theoretical/conceptual framework <ul style="list-style-type: none"> • Theories: Nature, characteristics, purpose and uses • Using, testing and developing conceptual framework, models and theories 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
VI	6		Use appropriate sampling methods	Sampling <ul style="list-style-type: none"> • Population and sample • Factors influencing sampling • Sampling techniques • Sample size • Probability and sampling error • Problems of sampling • Characteristics of a good sampling design 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on sample size estimation 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
VII	20	10	Discuss various tools and techniques	Tools and methods of data collection <ul style="list-style-type: none"> • Concepts of data collection • Data sources, methods/techniques quantitative and qualitative • Tools for data collection – types, characteristics and their development • Item analysis • Validity and reliability of tools • Pilot study 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on development of data collection tool 	<ul style="list-style-type: none"> • Long essay • Evaluation of assignment

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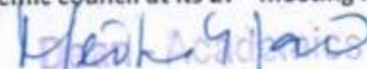
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Programme structure and course details of M.Sc. Nursing-2022

				<ul style="list-style-type: none"> • Procedure for data collection 		
VIII	5		Conduct a research study	Implementing research plan <ul style="list-style-type: none"> • Research plan (design), planning for data collection, administration of tool/interventions and collection of data 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
IX	10	10	Understand the concepts and process in data analysis and interpretation	Analysis and interpretation of data <ul style="list-style-type: none"> • Plan for data analysis: quantitative and qualitative • Preparing data for computer analysis and presentation • Statistical analysis • Interpretation of data • Conclusion and generalizations • Summary and discussion 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
X	10		Communicate research findings Utilize research findings Write a scientific paper for publication	Reporting and utilizing research findings <ul style="list-style-type: none"> • Communication of research results; oral and written • Writing research report: Purposes, methods and style- Vancouver, American Psychological Association (APA) and Campbell • Standard reporting guidelines • Writing scientific articles for publication: Purposes and style • Utilization of research findings 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment: Writing a scientific paper 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment
XI	3	8	Critically evaluate nursing research studies	Critical analysis of research reports and articles	<ul style="list-style-type: none"> • Lecture cum discussion • Journal club on critical review of research reports 	<ul style="list-style-type: none"> • Short essay • Evaluation of journal club presentation
XII	4	7	Develop a research proposal	Developing and presenting a research proposal	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay • Evaluation of the

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					<ul style="list-style-type: none"> • Development of research proposal 	research proposal.
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ACTIVITIES

1. Annotated Bibliography of research reports and articles
2. Review of literature of selected topic and reporting
3. Formulation of problem statement, objective and hypothesis
4. Developing theoretical/conceptual framework
5. Preparation of a sample research tool
6. Analysis and interpretation of given data
7. Developing and presenting research proposal
8. Journal club presentation
9. Critical evaluation of selected research studies
10. Writing a scientific paper

PART –B: STATISTICS

Theory : 50 hrs

Practical:50 hrs

Total : 100 hrs

PART –B: STATISTICS

On completion of the course, the students will be able to

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.

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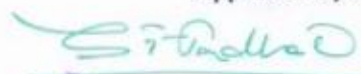
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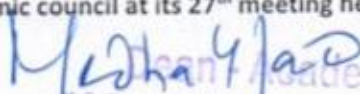
COURSE OUTLINE

T – Theory, L/SL – Lab/Skill Lab

Unit	Hours		Learning outcome	Content	Teaching / Learning activities	Assessment methods
	T	P				
I	7	4	Explain basic concepts related to statistics Describe the scope of statistics in health and nursing	Introduction <ul style="list-style-type: none"> • Concepts, types, significance, scope of statistics and meaning of data • Sample and parameter • Type and levels of data and their measurement • Organization and presentation of data – Tabulation of data • Frequency distribution • Graphical and tabular presentations 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on graphical representation and tabulation of data 	<ul style="list-style-type: none"> • Short essay
II	4	4	Describe measures of central tendency and its application	Measures of central tendency <ul style="list-style-type: none"> • Mean, median and mode 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on measures of central tendency 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
III	4	5	Explain measures of variability and its application	Measures of variability <ul style="list-style-type: none"> • Range, percentiles, average deviation, quartile deviation and standard deviation 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on measures of variability 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
IV	3	2	Describe normal distribution and its implication	Normal distribution <ul style="list-style-type: none"> • Probability, characteristics and application of normal probability curve • Sampling error 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
V	6	8	Identify the measures of relationship and its uses	Measures of relationship <ul style="list-style-type: none"> • Correlation – need and meaning • Rank order correlation • Scatter diagram method • Product moment correlation • Simple linear regression analysis and prediction 	<ul style="list-style-type: none"> • Lecture cum discussion • Computation of various measures of relationship 	<ul style="list-style-type: none"> • Long essay
VI	5	2	Explain various	Designs and meaning <ul style="list-style-type: none"> • Experimental designs 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay

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Programme structure and course details of M.Sc. Nursing-2022

			research designs	<ul style="list-style-type: none"> • Comparison in pairs, randomized block design and Latin squares 		
VII	8	10	Use inferential statistics to predict results Draw conclusions of the study and predict statistical significance of the results	Significance of statistic and significance of difference between two statistics (testing hypothesis) <ul style="list-style-type: none"> • Non parametric test – Chi-square test, Sign and median test • Parametric test – ‘t’ test, ANOVA, MANOVA and ANCOVA • Advantage and disadvantages of non-parametric tests • Chi-square test, Karl Pearson and Spearman Rho • Mann Whitney’s “U” test • McNemer test, Fisher’s exact probability test 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on hypothesis testing 	<ul style="list-style-type: none"> • Long essay • Evaluation of exercise
VIII	5	5	Explain the use of statistics in psychology and education	Use of statistical methods in psychology and education <ul style="list-style-type: none"> • Scaling – Z Score, Z Scaling • Standard Score and T Score • Reliability of test Scores: Test-retest method, parallel forms and split half method 	<ul style="list-style-type: none"> • Lecture cum discussion • Exercise on reliability computation 	<ul style="list-style-type: none"> • Short essay • Evaluation of exercise
IX	4	2	Describe vital health statistics and their use in health related research	Application of statistics in health <ul style="list-style-type: none"> • Vital and health statistics • Ratios, rates and trends • Vital health statistics – Birth and death rates • Measures related to fertility, morbidity and mortality 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on vital and health statistics 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment
X	4	8	Use statistical packages for data analysis	Use of computers for data analysis <ul style="list-style-type: none"> • Use of statistical package • Use of computers in research 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on SPSS 	<ul style="list-style-type: none"> • Short essay

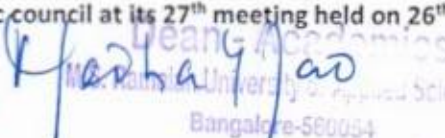
ACTIVITIES

1. Exercises on organization and tabulation of data
2. Graphical and tabular presentation of data
3. Calculation of descriptive and inferential statistics (chi square, t-test, correlation)

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4. Practice in using statistical package
5. Computing vital health statistics

REFERENCE BOOKS

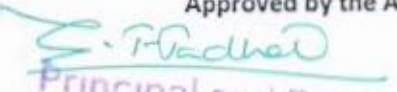
1. Polit DF, Beck CT. Nursing Research generating and assessing evidence for nursing practice. 11th ed. Philadelphia: Wolters Kluwer Health; 2021.
2. Gray JR, Grove SK. The practice of nursing research. 9th ed. Missouri: Elsevier; 2021.
3. Sharma SK. Nursing research and statistics. 3rd ed. New Delhi: Elsevier; 2018.
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5. Dingwall R, Staniland K. Qualitative research methods for nurses. United Kingdom: SAGE publications; 2020.
6. Khanal AB. Mahajan's Methods in Biostatistics for Medical Students and Research Workers. 8th ed. New Delhi: Jaypee Brothers medical publishers (P) ltd; 2018.

Course Mapping (CO-PO-PSO Mapping)

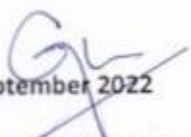
Subject: Section A: Nursing Research

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)							
			PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
MNC503A Nursing Research	CO 1	2	1	1	1	1	3	1	1	1
	CO 2	2	3	1	1	1	3	3	1	3
	CO 3	2	1	1	1	1	3	1	1	1
	CO 4	2	1	1	1	1	3	1	1	1
	CO 5	2	1	1	1	1	3	1	1	1
	CO 6	2	1	1	1	1	3	1	1	1
	CO 7	2	1	1	1	1	3	1	1	1
	CO 8	2	1	1	1	1	3	1	1	1
	CO 9	2	1	1	1	1	3	1	1	1
		Note: Programme outcomes does not explicitly mention research outcome as nurse Researcher								
3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution										

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Programme structure and course details of M.Sc. Nursing-2022

Subject: Section B: Statistics

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)							
			PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
MNC504A Statistics	CO 1	2	1	1	1	1	3	1	1	1
	CO 2	2	1	1	1	1	3	1	1	1
	CO 3	2	1	1	1	2	3	1	1	1
	CO 4	2	1	1	1	1	3	1	1	1
	CO 5	2	1	1	1	1	3	1	1	1
	CO 6	2	1	1	1	1	3	3	1	1
	CO 7	2	1	1	1	1	3	1	1	1
		Note: Programme outcomes does not explicitly mention research outcome as nurse Researcher								
3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution										

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LOGBOOK
NURSING RESEARCH

Sl. No	Specific Procedural competencies/skills	Date	Signature of the teacher
1.	Problem presentation		
2.	Protocol presentation		
3.	Developing theoretical/conceptual frame work		
4.	Review of literature on selected topic		
5.	Preparation of a sample research tool		
6.	Tool construction • Blue print • Preparation of tool		
7.	Pilot study and presentation		
8.	Data collection		
9.	Analysis of Data		
10.	Interpretation of the data		
11.	Dissertation report presentation		
12.	Writing scientific paper		
13.	Critique on research article		
	4)		
	5)		
	6)		
14.	Annotated bibliography		
	6)		
	7)		
	8)		
	9)		
	10)		
15.	Journal Club Presentation		
	1)		
	2)		
	3)		

Teaching Coordinator

H.O.D

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BIOSTATISTICS

Sl. No	Specific Procedural competencies/skills	Date	Signature of the teacher
1.	Organization and tabulation of data		
2.	Graphical presentation of data.		
3.	Exercise practice of descriptive and inferential statistics		
4.	Practice in using statistical package		

Teaching Coordinator

H.O.D

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Evaluation formats

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I YEAR M.Sc. NURSING

SUBJECT: NURSING RESEARCH & STATISTICS

CRITICAL REVIEW OF RESEARCH REPORT EVALUATION PROFORMA

Sl. No.	Criteria	Max. Marks	Marks obtained
I	Substantive <ul style="list-style-type: none"> • Problem • Literature Review 	8	
II	Theoretical <ul style="list-style-type: none"> • Study Framework • Objectives & Hypothesis 	6	
III	Methodological <ul style="list-style-type: none"> • Research Design • Sampling • Data Collection • Measurement Methodology • Statistical Analysis 	15	
IV	Ethical	4	
V	Interpretation	7	
VI	Presentation & Style	7	
VII	Time of submission	3	
Total		50	

Remarks:

SIGNATURE OF THE STUDENT

SIGNATURE OF THE EVALUATOR

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M.S. Dean - Academics

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Programme structure and course details of M.Sc. Nursing-2022

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE - 54

M.Sc NURSING

SUBJECT : NURSING RESEARCH AND STATISTICS

RESEARCH CRITIQUE EVALUATION PROFORMA

Sl. No.	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Identification of Strength and weakness	10	
2.	Justification	10	
3	Objectivity	8	
4	Handling negative comments	5	
5	Alternatives for the identified problems	7	
6	Alignment *	5	
7	Time of Submission	5	
TOTAL		50	

* - Double space, Times New Roman, font size 12 & 500-600 words.

Remarks:

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

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M.Sc NURSING

SUBJECT: NURSING RESEARCH AND STATISTICS

INDIVIDUAL ASSIGNMENT EVALUATION PROFORMA

SL. NO.	CRITERIA	MAX. MARKS	MARKS OBTAINED
1	Introduction	3	
2	Content	20	
3	Organization	10	
4	Clarity	8	
5	Conclusion	2	
6	Reference	5	
7	Time of Submission	2	
	Total	50	

Remarks:


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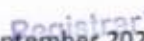
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M.Sc NURSING

SUBJECT: NURSING RESEARCH AND STATISTICS

SEMINAR EVALUATION PROFORMA

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Introduction	3	
2	Content	20	
3	Organization & presentation	20	
4	Conclusion	2	
5	Reference	3	
6	Time of submission	2	
	Total	50	

Remarks:

SIGNATURE OF THE STUDENT

SIGNATURE OF THE EVALUATOR

Meiha. G Rao
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S. S. Reddy

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MEDICAL SURGICAL NURSING – II
Course Specifications

Course Title	Medical surgical Nursing
Course Code	MNC611A
Course Type	Combination course
Department	Medical surgical Nursing (Cardio Vascular & Thoracic Nursing)
Faculty	Nursing

Course Summary

CLINICAL SPECIALITY-II
MEDICAL SURGICAL NURSING - CARDIOVASCULAR AND THORACIC NURSING

Placement: II Year

Hours of Instruction

Theory: 150 hrs

Practical: 950 hrs

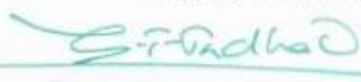
Total: 1100 hrs

COURSE OUTCOME

SUBJECT: MEDICAL SURGICAL NURSING - CARDIOVASCULAR AND THORACIC NURSING

Co-1	appreciate trends and issues related to cardiovascular and thoracic nursing.
Co-2	describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions.
Co-3	participate in national health programs for health promotion, prevention and rehabilitation of patients with cardiovascular and thoracic conditions.
Co-4	perform physical, psychosocial and spiritual assessment.
Co-5	assist in various diagnostic, therapeutic and surgical procedures.
Co-6	apply nursing process in providing comprehensive care to patients with cardiovascular and thoracic conditions.
Co-7	demonstrate advance skills/competence in managing patients with cardiovascular and thoracic conditions including Advanced Cardiac Life Support (ACLS).
Co-8	describe the various drugs used in cardiovascular and thoracic conditions and nurse's responsibility.
Co-9	demonstrate skill in handling various equipment's used for critical care of cardiovascular and thoracic patients.
Co-10	appreciate team work and coordinate activities related to patient care.

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Co-11	practice infection control measures.
Co-12	identify emergencies and complications and take appropriate measures.
Co-13	discuss the legal and ethical issues in cardiovascular and thoracic nursing.
Co-14	assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.
Co-15	appreciate the role of alternative system of medicine in care of patient.
Co-16	incorporate evidence-based nursing practice and identify the areas of research in the field of cardiovascular and thoracic nursing.
Co-17	identify the sources of stress and manage burnout syndrome among health care providers.
Co-18	teach and supervise nurses and allied health workers.
Co-19	design a layout of ICCU, ICTU and develop standards for cardiovascular and thoracic nursing practice.

COURSE DESCRIPTION

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

COMPETENCIES

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

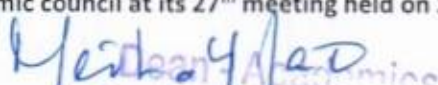
1. appreciate trends and issues related to cardiovascular and thoracic nursing.
2. describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions.
3. participate in national health programs for health promotion, prevention and rehabilitation of patients with cardiovascular and thoracic conditions.
4. perform physical, psychosocial and spiritual assessment.
5. assist in various diagnostic, therapeutic and surgical procedures.
6. apply nursing process in providing comprehensive care to patients with cardiovascular and thoracic conditions.
7. demonstrate advance skills/competence in managing patients with cardiovascular and thoracic conditions including Advanced Cardiac Life Support (ACLS).
8. describe the various drugs used in cardiovascular and thoracic conditions and nurse's responsibility.
9. demonstrate skill in handling various equipment's used for critical care of cardiovascular and thoracic patients.
10. appreciate team work and coordinate activities related to patient care.
11. practice infection control measures.
12. identify emergencies and complications and take appropriate measures.
13. discuss the legal and ethical issues in cardiovascular and thoracic nursing.
14. assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.
15. appreciate the role of alternative system of medicine in care of patient.

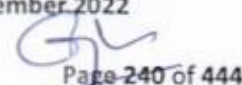
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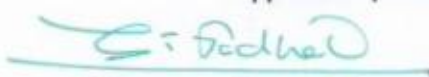
Programme structure and course details of M.Sc. Nursing-2022

16. incorporate evidence-based nursing practice and identify the areas of research in the field of cardiovascular and thoracic nursing.
17. identify the sources of stress and manage burnout syndrome among health care providers.
18. teach and supervise nurses and allied health workers.
19. design a layout of ICCU, ICTU and develop standards for cardiovascular and thoracic nursing practice.

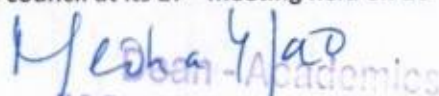
COURSE OUTLINE

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	5	Appreciate trends and issues related to cardiovascular and thoracic nursing Discuss the legal and ethical issues in cardiovascular and thoracic nursing	Introduction <ul style="list-style-type: none"> • 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 unit)	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
II	5	Describe the epidemiology and participate in national health programs for health promotion, prevention and rehabilitation of cardiovascular and thoracic conditions Appreciate the role of alternative system of	Epidemiology <ul style="list-style-type: none"> • Risk factors: Hereditary, psycho social factors, hypertension, smoking, obesity and diabetes mellitus • Health promotion, disease prevention and life style modification • National health programs related to cardiovascular and thoracic conditions • Alternate system of 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on implementation of national health programs related to cardiovascular and thoracic conditions in Karnataka 	<ul style="list-style-type: none"> • Short essay

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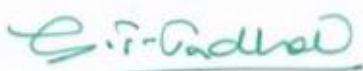

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		medicine in care of patient	<p>medicine</p> <ul style="list-style-type: none"> • Complementary therapies 		
III	5	Review of anatomy and physiology of cardiovascular and respiratory system.	<p>Review of anatomy and physiology of cardiovascular and respiratory system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of heart, lung, thoracic cavity and blood vessels. Embryology of heart and lung • Coronary circulation • Hemodynamics and electro physiology of heart • Biochemistry of blood in relation to cardiopulmonary function 	<ul style="list-style-type: none"> • Seminar on anatomy and physiology of cardiovascular and respiratory system 	<ul style="list-style-type: none"> • Evaluation of seminar
IV	20	<p>Perform physical, psychosocial and spiritual assessment in cardiovascular and thoracic conditions</p> <p>Assist in various diagnostic procedures</p>	<p>Assessment and diagnostic measures</p> <ul style="list-style-type: none"> • History taking • Physical assessment • Heart rate variability (HRV): Mechanisms, measurements, pattern, factors and impact of interventions on HRV • Diagnostic tests <ul style="list-style-type: none"> ○ Hemodynamic monitoring: Technical aspects, monitoring, functional hemodynamic indices, ventricular function indices and output measurements (Arterial and Swan-Ganz monitoring) ○ Blood gases and its significance, oxygen supply and demand 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on cardiothoracic assessment • Seminar on nurses responsibilities in performing diagnostic procedures • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Short essay • OSCE • Assessment of skill with checklist • Evaluation of seminar

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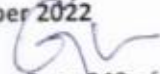
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			<ul style="list-style-type: none"> ○ Holter monitoring ○ Radiologic examination of the chest: Interpretation and chest film findings ○ Electro cardiography (ECG): Electrical conduction through the heart, basic electrocardiography, 12 lead electrocardiogram and axis determination ○ ECG changes in: Intraventricular conduction abnormalities- Arrhythmias, ischemia, injury and infarction, atrial and ventricular enlargement and electrolyte imbalance ○ Echocardiography: Technical aspects, special techniques, echocardiography of cardiac structures in health and disease and newer techniques ○ Nuclear and other imaging studies of the heart: Magnetic resonance imaging and advanced cardiac nuclear medicine ○ Cardiac electrophysiology procedures: Diagnostic studies, interventional and catheter ablation 		
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Programme structure and course details of M.Sc. Nursing-2022

			<p>and nursing care</p> <ul style="list-style-type: none"> ○ Exercise testing: Indications and objectives, safety and personnel, pretest considerations, selection, interpretation, test termination and recovery period ○ Cardiac catheterization: Indications, contraindications, patient preparation, procedure and interpretation of data ○ Pulmonary function test: Bronchoscopy and bronchography ○ Interpretation of diagnostic measures ○ Nurse's role in diagnostic tests <ul style="list-style-type: none"> • 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 and serum concentration of selected drugs • Interpretation and role of nurse 		
V	25	Describe the etiology, pathophysiology clinical manifestations, diagnostic	<p>Cardiac disorders and nursing management</p> <ul style="list-style-type: none"> • Etiology, pathophysiology clinical manifestations, diagnosis, prognosis, 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on management of conduction 	<ul style="list-style-type: none"> • Long essay • Short essay • Quiz

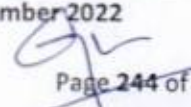
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Programme structure and course details of M.Sc. Nursing-2022

		assessment and treatment modalities of cardiac disorders Apply nursing process in providing comprehensive care to patients with cardiac disorders	related treatment modalities and nursing management of: <ul style="list-style-type: none"> ○ Hypertension ○ Coronary artery disease ○ Angina of various types ○ Cardiomegaly ○ Myocardial Infarction and congestive cardiac failure ○ Heart failure, cardiac arrest, pulmonary edema and shock ○ Rheumatic heart disease and other valvular diseases ○ Inflammatory heart diseases, infective endocarditis, myocarditis and pericarditis ○ Cardiomyopathy, dilated, restrictive and hypertrophic ○ Arrhythmias and heart block <p>Associated illnesses</p>	disorders <ul style="list-style-type: none"> • Scenario based learning • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • OSCE • Evaluation of seminar
VI	10	Describe the etiology, pathophysiology clinical manifestations, diagnostic assessment and treatment modalities of pulmonary disorders	Altered pulmonary conditions <ul style="list-style-type: none"> • Etiology, pathophysiology clinical manifestations, diagnosis, prognosis, related treatment modalities and nursing management of: <ul style="list-style-type: none"> ○ Bronchitis ○ Bronchial asthma ○ Bronchiectasis ○ Pneumonias ○ Lung abscess, and 	<ul style="list-style-type: none"> • Lecture cum discussion • Case vignette • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Long essay • Short essay • Quiz

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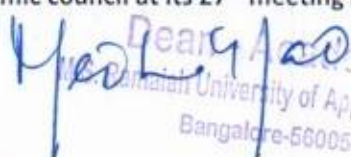

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Programme structure and course details of M.Sc. Nursing-2022

		Apply nursing process in providing comprehensive care to patients with pulmonary disorders	<p>lung tumour</p> <ul style="list-style-type: none"> ○ Pulmonary tuberculosis, fibrosis, pneumoconiosis, and asbestosis ○ Pleuritis, and effusion ○ Pneumo, haemo and pyothorax ○ Interstitial lung disease ○ Cystic fibrosis ○ Acute and chronic obstructive pulmonary disease (conditions leading to) ○ Cor-pulmonale ○ Coronavirus disease (COVID-19) ○ Acute respiratory failure ○ Adult respiratory distress syndrome ○ Pulmonary embolism ○ Pulmonary hypertension 		
VII	10	Describe the etiology, pathophysiology clinical manifestations, diagnostic assessment and treatment modalities of vascular disorders Apply nursing process in	<p>Vascular disorders and nursing management</p> <ul style="list-style-type: none"> • Etiology, pathophysiology clinical manifestations, diagnosis, prognosis, related treatment modalities and nursing management of: <ul style="list-style-type: none"> ○ Disorders of arteries ○ Disorders of the aorta ○ Aortic aneurysms ○ Aortic dissection 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Long essay • Short essay

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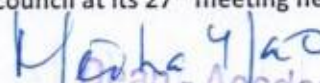

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Programme structure and course details of M.Sc. Nursing-2022

		providing comprehensive care to patients with vascular disorders	<ul style="list-style-type: none"> ○ Raynaud's phenomenon ○ Peripheral arterial disease of the lower extremities ○ Venous thrombosis ○ Varicose veins ○ Chronic venous insufficiency and venous leg ulcers ○ Pulmonary embolism 		
VIII	10	Identify cardiovascular and thoracic emergencies and take appropriate measures Demonstrate advance skills in managing patients with cardiovascular and thoracic conditions including Advanced Cardiac Life Support	Cardiothoracic emergency interventions <ul style="list-style-type: none"> • CPR : BLS and ALS • Use of ventilator, defibrillator and pacemaker • Post resuscitation care • Care of the critically ill patients • Psychosocial and spiritual aspects of care • Stress management; ICU psychosis • Role of nurse 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on emergency assessment • Demonstration on BLS 	<ul style="list-style-type: none"> • Short essay
IX	10	Demonstrate advance skills/competence in airway management Demonstrate skill in handling various equipment's used for critical care of cardiovascular and thoracic patients	Nursing care of a patient with obstructive airway <ul style="list-style-type: none"> • Assessment • Use of artificial airway • Endotracheal intubation, tracheostomy and its care • Complication, minimum cuff leak and securing tubes Oxygen delivery systems. <ul style="list-style-type: none"> • Nasal Cannula • Oxygen mask and venturi 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice on tracheostomy care • Seminar on noninvasive ventilation 	<ul style="list-style-type: none"> • Short essay • Assessment of skill with checklist • Evaluation of seminar

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			<p>mask</p> <ul style="list-style-type: none"> • Partial rebreathing bag • Bi-PAP and C-PAP masks • Uses, advantages, disadvantages and nursing implications of each <p>Mechanical Ventilation</p> <ul style="list-style-type: none"> • Principles of mechanical ventilation • Types of mechanical ventilation and ventilators • Modes of ventilation, advantage, disadvantage and complications • PEEP therapy, indications, physiology and complications • Weaning off the ventilator • Nursing assessment and interventions of ventilated patient 		
X	10	<p>Describe the etiology, pathophysiology clinical manifestations, diagnostic assessment and treatment modalities of congenital heart diseases</p> <p>Apply nursing process in providing comprehensive care to patients</p>	<p>Congenital heart diseases</p> <ul style="list-style-type: none"> • Etiology, pathophysiology, clinical manifestations, diagnosis, prognosis, related treatment modalities and nursing management of: <ul style="list-style-type: none"> ○ Embryological development of heart ○ Classification – cyanotic and acyanotic heart disease ○ Tetralogy of Fallots 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on management of congenital heart diseases 	<ul style="list-style-type: none"> • Short essay • Evaluation of seminar

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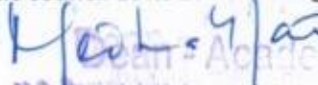
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		with congenital heart diseases	<ul style="list-style-type: none"> ○ Atrial septal defect, ventricular septal defect and eisenmenger's complex ○ Patent ductus arteriosus, and AP window ○ Truncus arteriosus ○ Transposition of great arteries ○ Total anomaly of pulmonary venous Connection ○ Pulmonary stenosis, and atresia ○ Coarctation of aorta ○ Ebstein's anomaly ○ Double outlet right ventricle, single ventricle and hypoplastic left heart syndrome 		
XI	10	Describe the various drugs used in cardiovascular and thoracic conditions and nurse's responsibility	Pharmacology Review <ul style="list-style-type: none"> • Pharmacokinetics • Analgesics/Anti-inflammatory agents • Antibiotics, and antiseptics • Drug reaction and toxicity • Drugs used in cardiac emergencies • Blood and blood components <ul style="list-style-type: none"> ○ Anti-thrombolytic agents ○ Inotropic agents ○ Beta-blocking agents ○ Calcium channel 	<ul style="list-style-type: none"> • Lecture cum discussion • Drug presentation 	<ul style="list-style-type: none"> • Short essay • Evaluation of drug presentation

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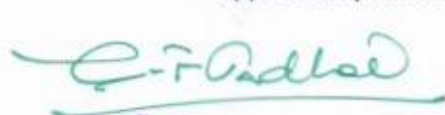

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			<p>blockers</p> <ul style="list-style-type: none"> ○ Vasoconstrictors ○ Vasodilators ○ ACE inhibitors ○ Anticoagulants ○ Antiarrhythmic drugs. ○ Antihypertensives ○ Diuretics ○ Sedatives and tranquilizers ○ Digitalis ○ Antilipemics <ul style="list-style-type: none"> • Principles of drug administration, role and responsibilities of nurses and care of drugs 		
XII	20	<p>Assist in cardiovascular thoracic surgeries</p> <p>Apply nursing process in providing comprehensive care to patients undergoing cardiovascular and thoracic surgeries</p>	<p>Nursing care of patient undergoing cardio thoracic surgery</p> <ul style="list-style-type: none"> • Indications and selection of patient • Preoperative assessment, preparation and counselling • Intraoperative care: Principles of open-heart surgery, equipment anaesthesia and 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 and other recent advances. • Thoracic surgery: Lobectomy, 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on perioperative care of patient undergoing cardiothoracic surgeries • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Long essay • Evaluation of seminar

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			<p>pneumonectomy and tumour excision</p> <ul style="list-style-type: none"> • Immediate postoperative care: Assessment, post-operative problems and interventions: Bleeding, cardiac tamponade, low cardiac output, infarction, pericardial effusion, pleural effusion, pneumothorax, haemothorax, coagulopathy, thermal imbalance, Inadequate ventilation / perfusion, neurological problems, renal problems and psychological problems • Chest physiotherapy • Nursing interventions- Life style modification, and complementary therapy/alternative systems of medicine • Intermediate and late post-operative care after CABG and valve surgery • Follow up care 		
XIII	5	Participate in rehabilitation of patients with cardiovascular and thoracic conditions	<p>Cardiac rehabilitation</p> <ul style="list-style-type: none"> • Process • Physical evaluation • Life style modification • Physical conditioning for cardiovascular efficiency through exercise • Counselling • Follow up care 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on cardiac rehabilitation 	<ul style="list-style-type: none"> • Long essay • Evaluation of seminar
XI V	5	Design a layout of ICU and ICTU and develop	<p>Intensive coronary care unit / intensive cariothoracic unit</p> <ul style="list-style-type: none"> • Quality assurance 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on 	<ul style="list-style-type: none"> • Short essay • Evaluation of

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	standards for cardiovascular and thoracic nursing practice	<ul style="list-style-type: none"> ○ Standards, policies and procedures ○ Infection control; Standard safety measures ○ Nursing audit ○ Design of ICCU/ICTU ○ Staffing; cardiac team ○ Burnout syndrome 	layout of ICU	assignment
	Identify the sources of stress and manage burnout syndrome among health care providers	<ul style="list-style-type: none"> • Nurse's role in the management of I.C.C.U and ICTU • Mobile coronary care unit • Planning in-service educational program and teaching 		
	Teach and supervise nurses and allied health workers			

PRACTICUM

Total = 960 hrs

1 Weeks = 30hrs

Sl. No.	Dept./Unit	No. of Week	Total Hours
1	Cardio thoracic -Medical	4	120 Hours
	-Surgical	4	120 Hours
2.	OTs (Cardiac and thoracic)	4	120 Hours
3.	Casualty	2	60 Hours
4.	Diagnostic labs including Cath lab	2	60 Hours
5.	ICCU	4	120 Hours
6.	ICU	4	120 Hours
7.	CCU	4	120 Hours
8.	Paediatric Intensive care unit	2	60 Hours
9.	OPD	2	60 Hours
	Total	32 Weeks	960 Hours

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Sri-Anandha

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ESSENTIAL NURSING SKILLS

1. Procedures Observed

- Echo cardiogram
- Ultrasound
- Monitoring JVP and CVP
- CT scan
- MRI
- PET scan
- Angiography
- Cardiac catheterisation
- Angioplasty

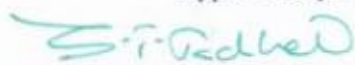
2. Procedures Assisted

- Arterial blood gas analysis
- Thoracentesis
- Lung biopsy
- Computer assisted tomography (CAT Scan)
- M.R.I.
- Pulmonary angiography
- Bronchoscopy
- Pulmonary function test
- ET tube insertion
- Tracheostomy tube insertion
- Cardiac catheterisation
- Angiogram
- Defibrillation
- Treadmill test
- Echo cardiography
- Doppler ultrasound
- Cardiac surgery
- Insertion of chest tube
- CVP Monitoring
- Measuring pulmonary artery pressure by Swan-Ganz Catheter
- Cardiac pacing
- Cardiovascular and thoracic surgeries

3. Procedures Performed

- Preparation of assessment tool for CT client (Cardiac, thoracic and vascular).
- ECG – Recording, reading and identification of abnormalities
- Oxygen therapy – Cylinder, central supply, Catheter, nasal canula, mask, tent through ET and tracheostomy tube and manual resuscitation bag
- Spirometer
- Tuberculin skin test
- Aerosol therapy

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- Nebulizer therapy
- Water seal drainage
- Chest physiotherapy including – Breathing exercises, coughing exercises, percussion and vibration
- Suctioning – Oropharyngeal, nasotracheal and endotracheal through tracheostomy tube
- Artificial airway cuff maintenance
- CPR
- Care of client on ventilator
- Identification of different – Arrhythmias, abnormal pulses, respirations, B.P. variations heart sounds and breath sounds
- Pulse oximetry
- Introduction of intracath
- Bolus I.V. Injection
- Maintenance of “Heplock”
- Subcutaneous of Heparin
- Obtaining leg measurements to detect early swelling in thrombophlebitis
- Identification of Homans signs
- Buerger – Allen exercise

REFERENCE BOOKS

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2. Hinkle LJ, Cheever HK, Overbaugh K. Textbook of Medical Surgical Nursing. 15th ed. Philadelphia: Wolters Kluwer Health; 2020.
3. George R. Text book of cardiac nursing. 1st ed. Jaypee publications; 2017.
4. Perpetua E, Keegan P. Cardiac Nursing: The red reference book for cardiac nurses. Philadelphia: Wolters Kluwer Health; 2020.
5. Black JM, Jane H. Textbook of Medical Surgical Nursing: Clinical Management For Positive Outcomes. 8th ed. New Delhi: Elsevier; 2020.


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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)									
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
MEDICAL SURGICAL NURSING- CARDIOVASCULAR AND THORACIC NURSING	CO 1	3	1	3	3	3	3	3	3	3
	CO 2	3	3	3	3	2	3	3	2	2
	CO 3	3	3	2	3	2	1	2	3	2
	CO 4	3	1	3	3	3	1	2	3	2
	CO 5	3	1	3	3	3	3	3	3	3
	CO 6	3	1	3	3	3	2	3	1	2
	CO 7	3	1	3	3	3	3	3	3	3
	CO 8	3	2	3	3	3	3	3	3	3
	CO 9	3	1	3	3	3	2	2	2	3
	CO 10	3	2	3	3	3	3	3	3	3
	CO 11	3	1	3	3	3	3	3	3	3
	CO 12	3	2	3	3	3	2	3	3	3
	CO 13	3	1	3	3	3	2	3	3	3
	CO 14	3	2	3	3	3	1	3	3	3
	CO 15	3	2	3	3	3	3	3	3	3
	CO 16	3	2	3	3	3	3	3	3	3
	CO 17	3	1	3	3	3	3	3	3	3
	CO 18	3	1	3	3	2	1	2	3	3
	CO 19	3	2	3	3	3	2	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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CLINICAL SPECIALITY –II
MEDICAL SURGICAL NURSING
CARDIOVASCULAR AND THORACIC NURSING

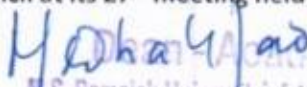
Placement : II year M.Sc Nursing

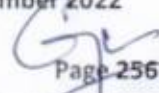
Practicum : 950 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1	PROCEDURE TO BE ASSISTED:					
a)	Preparation, assisting and after care of patients undergoing diagnostic procedure:					
	• Treadmill Test / Stress test					
	• Echo-cardiography					
	• Cardiac catheterization					
	• Angiogram					
	• Computer assisted tomography					
	• MRI					
	• Doppler ultrasound					
	• Pulmonary Function Test					
	• Bronchoscopy					
	• Thoracentesis					
	• Lung Biopsy					
	• Head Up Tilt Table test (HUTT)					
b)	Preparation, assisting and after care of patients undergoing therapeutic and invasive procedure:					
	• ET Tube insertion					
	• ET tube extubation					
	• Defibrillation					
	• Cardioversion					

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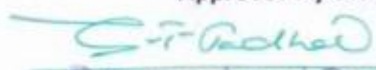

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	• Angioplasty				
	• Tracheostomy tube insertion				
	• Arterial line insertion				
	• Insertion of ICD				
	• Pulmonary angioplasty				
c)	Preparation & Assisting for Cardio-thoracic surgeries				
	• Coronary Artery Bypass Graft (CABG)				
	• Mitral Valve Replacement				
	• Aortic Valve Replacement				
	• Atrial Septal Defect Closure				
	• Double Valve Replacement				
	• Coronary Angioplasty				
	• Intra-Aortic Balloon Pump				
	• Aortic Aneurysm repair				
	• Pacemaker implantation				
	• Bentall Procedure				
	• Trans-myocardial Laser - Revascularization				
	• Thoracotomy				
	• Thoracoscopic resection				
	• Lobectomy/ Segmentectomy				
	• Heart/Lung Transplantation				
II	SPECIAL SKILLS TO BE ACQUIRED IN CLINICAL PRACTICE :				
	• Cardiac monitoring				
	• Hemodynamic monitoring <ul style="list-style-type: none"> ○ Central venous pressure ○ Pulmonary artery pressure ○ Intra-arterial pressure 				
	• Recording ECG and its interpretation				
	• Maintaining Intake Output chart				

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<ul style="list-style-type: none"> Care of patient on cardiac pace maker 					
<ul style="list-style-type: none"> Care of patient with ICD 					
<ul style="list-style-type: none"> Application of oropharyngeal airway 					
<ul style="list-style-type: none"> Care of patient on Tracheostomy tube 					
<ul style="list-style-type: none"> Oxygen administration <ul style="list-style-type: none"> Nasal cannula Simple mask Venturi mask High flow 					
<ul style="list-style-type: none"> Administering Nebulization / Aerosol therapy 					
<ul style="list-style-type: none"> Care of patient on non-invasive Ventilation <ul style="list-style-type: none"> C-PAP Bi-PAP 					
<ul style="list-style-type: none"> Care of patient on Mechanical ventilator 					
<ul style="list-style-type: none"> Performing chest physiotherapy <ul style="list-style-type: none"> Percussion and vibration Postural drainage 					
<ul style="list-style-type: none"> Performing Suctioning <ul style="list-style-type: none"> Oropharyngeal Endotracheal tracheostomy 					
<ul style="list-style-type: none"> Drawing the blood for ABG analysis 					
<ul style="list-style-type: none"> Drawing the blood for cardiac enzymes, lipid profile and interpretation of blood reports 					
<ul style="list-style-type: none"> Care of patient on PICC line 					
<ul style="list-style-type: none"> Maintenance of patent I.V. access 					
<ul style="list-style-type: none"> Thrombophlebitis assessment and management 					

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	<ul style="list-style-type: none"> Initiating and monitoring thrombolytic therapy 					
	<ul style="list-style-type: none"> Initiating and monitoring nitrate therapy 					
	<ul style="list-style-type: none"> Immediate post op care after cardiothoracic surgery 					
	<ul style="list-style-type: none"> Advanced Cardiac Life support 					
III	PATIENT TEACHING					
	<ul style="list-style-type: none"> Use of incentive spirometer 					
	<ul style="list-style-type: none"> Deep breathing and coughing Exercises 					
	<ul style="list-style-type: none"> Cardiac Rehabilitation 					
	<ul style="list-style-type: none"> DASH diet 					


HEALTH ASSESSMENT – (5) – CARDIO-VASCULAR SYSTEM

Sl. No.	Date	Area/ ward	Name of the patient and I.P. No.	Diagnosis	Signature of the supervisor
1.					
2.					
3.					
4.					
5.					

HEALTH ASSESSMENT – (5) – RESPIRATORY SYSTEM

Sl. No.	Date	Area/ward	Name of the patient and I.P. No.	Diagnosis	Signature of the supervisor
1.					
2.					
3.					
4.					
5.					

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NURSING PROCESS WITH THEORY APPLICATION – (3) ONE IN EACH AREA (CARDIAC, VASCULAR, THORACIC)

Sl. No.	Date	Area/ward	Name of the patient and I.P. No.	Diagnosis	Signature of the supervisor
1.					
2.					
3.					

CASE STUDY WITH PRESENTATION: (03) ONE IN EACH AREA (CARDIAC, VASCULAR, THORACIC)

Sl. No	Area	Name of the patient	Diagnosis	Date of presentation	Signature of the supervisor
1.					
2.					
3.					

HEALTH EDUCATION –(1)

Sl. No	Area	Topic	Date of presentation	Signature of the supervisor
1.				


DRUG STUDY – (3) DRUGS IN EACH AREA (ANTIARRHYTHMIC DRUGS, ANTIPLATELET DRUGS, THROMBOLYTIC AGENTS, NITRATES, BRONCHODILATORS)


Sl. No	Area	Topic	Date of Submission	Signature of the supervisor
1.				
2.				
3.				
4.				
5.				

Teaching Coordinator

H.O.D

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MEDICAL SURGICAL NURSING – II

Course Specifications

Course Title	Medical surgical Nursing
Course Code	MNC612A
Course Type	Combination course
Department	Medical surgical Nursing (Critical Care Nursing)
Faculty	Nursing

Course Summary

CLINICAL SPECIALITY-II

MEDICAL SURGICAL NURSING – CRITICAL CARE NURSING

Placement: II Year

Hours of Instruction

Theory: 150 hrs

Practical: 950 hrs

Total: 1100 hrs

COURSE OUTCOME

SUBJECT: MEDICAL SURGICAL NURSING -CRITICAL CARE NURSING

Co-1	appreciate trends and issues related to critical care nursing.
Co-2	describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients.
Co-3	describe the various drugs used in critical care and nurse's responsibility.
Co-4	perform physical, psychosocial and spiritual assessment of critically ill patients.
Co-5	demonstrate advance skills/competence in managing critically ill patients including advance cardiac life support.
Co-6	demonstrate skill in handling various equipment's/gadgets used for critical care.
Co-7	provide comprehensive care to critically ill patients.
Co-8	appreciate team work and coordinate activities related to patient care.
Co-9	practice infection control measures.
Co-10	assess and manage pain.
Co-11	identify complications and take appropriate measures.
Co-12	appreciate the legal and ethical issues relevant to critical care nursing.
Co-13	assist patients and their family to cope with emotional distress, spiritual, grief and anxiety.
Co-14	assist in various diagnostic, therapeutic and surgical procedures.
Co-15	incorporate evidence-based nursing practice and identify the areas of research in the field of critical care nursing.

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Co-16	identify the sources of stress and manage burnout syndrome among health care providers.
Co-17	teach and supervise the undergraduate nursing students, nurses and allied health workers.
Co-18	prepare a design for layout of intensive care unit and develop standards for critical care nursing practice.

COURSE DESCRIPTION

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

COMPETENCIES

On completion of the course, the students will be able to

1. appreciate trends and issues related to critical care nursing.
2. describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients.
3. describe the various drugs used in critical care and nurse's responsibility.
4. perform physical, psychosocial and spiritual assessment of critically ill patients.
5. demonstrate advance skills/competence in managing critically ill patients including advance cardiac life support.
6. demonstrate skill in handling various equipment's/gadgets used for critical care.
7. provide comprehensive care to critically ill patients.
8. appreciate team work and coordinate activities related to patient care.
9. practice infection control measures.
10. assess and manage pain.
11. identify complications and take appropriate measures.
12. appreciate the legal and ethical issues relevant to critical care nursing.
13. assist patients and their family to cope with emotional distress, spiritual, grief and anxiety.
14. assist in various diagnostic, therapeutic and surgical procedures.
15. incorporate evidence-based nursing practice and identify the areas of research in the field of critical care nursing.
16. identify the sources of stress and manage burnout syndrome among health care providers.
17. teach and supervise the undergraduate nursing students, nurses and allied health workers.
18. prepare a design for layout of intensive care unit and develop standards for critical care nursing practice.

Meena Rao
Dean - Academics

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COURSE OUTLINE

Unit	Time (Hrs.)	Learning outcomes:	Contents	Teaching/ Learning activities	Assessment Methods
1	5	<p>Appreciate trends and issues related to critical care nursing</p> <p>Demonstrate skill in handling various equipment's used for critical care</p>	<p>Introduction to critical care nursing</p> <ul style="list-style-type: none"> Historical review- Progressive patient care (PPC) Review of anatomy and physiology of vital organs, fluid and electrolyte balance Concepts of critical care nursing Principles of critical care nursing Scope of critical care nursing Critical care unit set up including equipment's supplies, use and care of various type of monitors and ventilators Standard mortality ratio in critical care unit Flow sheets 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on anatomy and physiology of vital organs 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
II	10	<p>Explain the concept of holistic care with regard to critical care nursing practice</p> <p>Identify the sources of stress and</p>	<p>Concept of holistic care applied to critical care nursing practice</p> <ul style="list-style-type: none"> Impact of critical care environment on patients: <ul style="list-style-type: none"> Risk factors, assessment of patients, critical care psychosis, prevention and nursing care for patients affected with psycho-physiological and psychosocial problems of critical care unit, caring for the patient's family 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay

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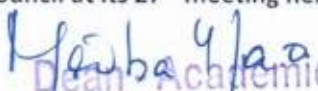
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		manage burnout syndrome among health care providers	and family teaching <ul style="list-style-type: none"> The dynamics of healing in critical care unit: Therapeutic touch, relaxation, music therapy, guided imagery, and acupressure Stress and burnout syndrome among health team members 		
III	14	Describe the various drugs used in critical care and nurse's responsibility	Review <ul style="list-style-type: none"> Pharmacokinetics Analgesics/Anti-inflammatory agents Antibiotics and antiseptics Drug reaction and toxicity Drugs used in critical care unit (inclusive of ionotropic and lifesaving drugs) Drugs used in various body systems IV fluids and electrolytes Blood and blood components Principles of drug administration, role of nurses and care of drugs 	<ul style="list-style-type: none"> Lecture cum discussion Drug presentation 	<ul style="list-style-type: none"> Short essay Evaluation of drug presentation
IV	5	Demonstrate skill in pain assessment and its management	Pain management <ul style="list-style-type: none"> Pain and sedation in critically ill patients Theories of pain, types of pain, pain assessment and systemic responses to pain Pain management-pharmacological and non-pharmacological measures Placebo effect 	<ul style="list-style-type: none"> Lecture cum discussion Clinical practice on assessment of pain 	<ul style="list-style-type: none"> Short essay Assessment of skill with checklist

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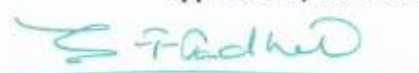
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V	5	Practice infection control measures in critical care unit	<p>Infection control in intensive care unit</p> <p><i>Nosocomial infection in intensive care unit: Methyl Resistant Staphylococcus Aureus (MRSA), disinfection, sterilization, standard safety measures and prophylaxis for staff</i></p>	<ul style="list-style-type: none"> Lecture cum discussion Seminar on infection control in intensive care unit 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
VI	10	Describe the epidemiology, etiology, pathophysiology, diagnostic assessment and management of gastrointestinal conditions.	<p>Gastrointestinal system</p> <ul style="list-style-type: none"> Causes, clinical types, patho-physiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: <ul style="list-style-type: none"> Acute gastrointestinal bleeding, and abdominal injury Hepatic Disorders: - Fulminant hepatic failure, and hepatic encephalopathy Acute pancreatitis, acute intestinal obstruction, and perforative peritonitis 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration GI assessment Seminar on management of hepatic disorders Case vignette Supervised clinical practice Clinical presentation 	<ul style="list-style-type: none"> Long essay Short essay Assessment of skill with checklist OSCE Evaluation of seminar
VII	10	Describe the epidemiology, etiology, pathophysiology, diagnostic assessment and management of renal conditions	<p>Renal system</p> <ul style="list-style-type: none"> Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: <ul style="list-style-type: none"> Acute renal failure, chronic kidney disease, acute tubular necrosis, and bladder trauma Management modalities: Renal replacement therapy; haemodialysis, peritoneal dialysis, continuous ambulatory peritoneal dialysis, continuous arterio- 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on renal replacement therapy Supervised clinical practice Clinical presentation 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of seminar

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			venous haemodialysis and renal transplant		
VIII	10	Describe the epidemiology, etiology, patho-physiology, diagnostic assessment and management of neurological conditions	Nervous system <ul style="list-style-type: none"> Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: <ul style="list-style-type: none"> Cerebrovascular disease, cerebrovascular accident, seizure disorders, Guillain-Barre-syndrome, myasthenia gravis, coma, persistent vegetative state, encephalopathy, head injury and spinal cord injury Management Modalities: Assessment of intracranial pressure, management of intracranial hypertension and craniotomy Problems associated with neurological disorders: Thermoregulation, unconsciousness and herniation syndrome 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on neurological assessment Scenario based learning Clinical practice on assessment of level of consciousness Clinical presentation 	<ul style="list-style-type: none"> Long essay Short essay Assessment of skill with checklist OSCE Quiz
IX	5	Describe the epidemiology, etiology, patho-physiology, diagnostic assessment and management of endocrine conditions	Endocrine system <ul style="list-style-type: none"> Causes, clinical types, patho-physiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: <ul style="list-style-type: none"> Hypoglycemia, diabetic ketoacidosis, thyroid crisis, myxoedema, adrenal crisis, and Syndrome of Inappropriate/ hypersecretion of Antidiuretic Hormone (SIADH) 	<ul style="list-style-type: none"> Lecture cum discussion Scenario based learning Supervised clinical practice Clinical presentation 	<ul style="list-style-type: none"> Short essay

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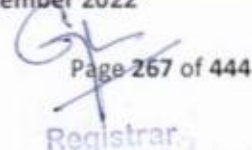
X	15	Describe the epidemiology, etiology, patho-physiology, diagnostic assessment and management of emergency conditions	Management of other emergency conditions <ul style="list-style-type: none"> Mechanism of injury, thoracic injuries, abdominal injuries, pelvic fractures, complications of trauma and head injuries Shock: Shock syndrome, hypovolemic, cardiogenic, anaphylactic, neurogenic and septic shock Systemic inflammatory Response: The inflammatory response and multiple organ dysfunction syndrome Disseminated intravascular coagulation Drug overdose and poisoning Acquired immunodeficiency syndrome (AIDS) Ophthalmic: Eye injuries, glaucoma, and retinal detachment Ear, Nose, and Throat: Foreign bodies, stridor, bleeding, quinsy and acute allergic conditions Psychiatric emergencies: Suicide Crisis intervention 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration emergency assessment Case discussion 	<ul style="list-style-type: none"> Long essay Assessment of skill with checklist
XI	20	Describe the epidemiology, etiology, pathophysiology, diagnostic assessment and management of	Cardiovascular emergencies <ul style="list-style-type: none"> Principles of nursing in caring for patients with cardiovascular disorders Assessment: Cardiovascular system: Heart sounds, Diagnostic studies: - Cardiac enzymes studies, electrocardiographic 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration cardiovascular assessment Demonstration on BLS Supervised clinical practice Clinical presentation 	<ul style="list-style-type: none"> Long essay Short essay Assessment of skill with checklist OSCE Quiz

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		cardiovascular conditions	<p>monitoring, holter monitoring, stress test, echo- cardiography, coronary angiography and nuclear medicine studies</p> <ul style="list-style-type: none"> Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: Hypertensive crisis, coronary artery disease, acute myocardial infarction, rheumatic heart disease, cardiomyopathy, deep vein thrombosis, valvular diseases, heart block, cardiac arrhythmias and conduction disturbances, aneurysms, endocarditis, heart failure and cardiopulmonary resuscitation -BCLS/ ACLS Management Modalities: Thrombolytic therapy, pacemaker – temporary and permanent, percutaneous transluminal coronary angioplasty, cardioversion, intra-aortic balloon pump monitoring, defibrillations, cardiac surgeries: Coronary Artery Bypass Grafts (CABG/MICAS), valvular surgeries, heart transplantation, autologous blood transfusion and radiofrequency catheter ablation 		
XII	15	Describe the epidemiology, etiology, pathophysiol	<p>Respiratory system</p> <ul style="list-style-type: none"> Acid-base balance and imbalance 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay

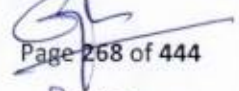
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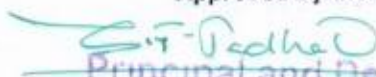

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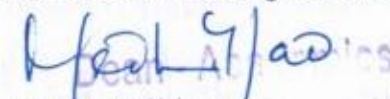
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		<p>ogy, diagnostic assessment and management of respiratory conditions</p>	<ul style="list-style-type: none"> • Assessment: History and physical examination • Diagnostic Tests: Pulse oximetry, end-tidal carbon dioxide monitoring, arterial blood gas studies, chest radiography, pulmonary angiography, bronchoscopy, and pulmonary function test, ventilation-perfusion scan and lung ventilation scan • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of common pulmonary disorders: Pneumonia, status asthmaticus, interstitial disease, pleural effusion, chronic obstructive pulmonary disease, pulmonary tuberculosis, pulmonary edema, atelectasis, pulmonary embolism, acute respiratory failure, acute respiratory distress syndrome (ARDS), chest trauma, haemothorax and pneumothorax • Management Modalities: Airway management • Ventilatory Management: Invasive, non- invasive and long-term mechanical ventilations • Bronchial Hygiene: Nebulization, deep breathing exercise, chest physiotherapy, postural drainage, intercostal drainage and thoracic 	<ul style="list-style-type: none"> • Demonstration on respiratory assessment • Seminar on non-invasive ventilation • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Assessment of skill with checklist • OSCE • Evaluation of seminar
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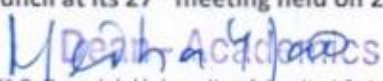
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			surgeries		
XIII	7	Explain the management of patients with burns	Burns <ul style="list-style-type: none"> Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of burns: Fluid and electrolyte therapy – calculation of fluids and its administration Pain management Wound care Infection control Prevention and management of burn complications Grafts and flaps Reconstructive surgery Rehabilitation 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on wound care Flipped class room 	<ul style="list-style-type: none"> Short essay
XIV	5	Describe the management of patients with obstetrical emergencies	Obstetrical Emergencies <ul style="list-style-type: none"> Causes, pathophysiology, clinical types, clinical features, diagnostic prognosis and management: Medical, surgical and nursing management of: Antepartum haemorrhage, preeclampsia, eclampsia, obstructed labour and ruptured uterus, postpartum haemorrhage, puerperal sepsis and obstetrical shock 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay
XV	10	Describe the management of patients with paediatric emergencies	Neonatal Paediatric emergencies <ul style="list-style-type: none"> Causes, pathophysiology, clinical types, clinical features, diagnostic, prognosis, management: 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short Essay

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			<p>Medical, surgical and nursing management of neonatal emergencies:</p> <ul style="list-style-type: none"> ○ Asphyxia neonatorum, pathological Jaundice in neonates, neonatal seizures, metabolic disorders, intra cranial haemorrhage, neonatal sepsis and RDS/HMD (respiratory distress syndrome/Hyaline Membrane Disease) • Congenital disorders: - Cyanotic heart disease, tracheo-oesophageal fistula, congenital hypertrophic pyloric stenosis and imperforate anus • Paediatric emergencies: Dehydration, acute broncho-pneumonia, acute respiratory distress syndrome, poisoning, foreign bodies, seizures, traumas and status asthmaticus 		
XVI	2	Appreciate the legal and ethical issues relevant to critical care nursing	<p>Legal and ethical issues in critical care-nurse's role</p> <ul style="list-style-type: none"> • Brain death • Organ donation and counselling • Do Not Resuscitate (DNR) • Euthanasia • Living will 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
XVII	2	Prepare a design for layout of intensive care unit and develop standards for critical care nursing practice	<p>Quality assurance</p> <ul style="list-style-type: none"> • Standards, protocols, policies and procedures • Infection control: Standard safety measures • Nursing audit • Design of ICU/CCU 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on layout of intensive care unit 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment

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PRACTICUM

Total = 960 Hours
1 Week = 30 Hours

Sl.No.	Dept./Unit	No. of Week	Total Hours
1	Burns ICU	2	60 Hours
2	Medical ICU	8	240 Hours
3	Surgical ICU	12	360 Hours
4	CCU	2	60 Hours
5	Emergency Department	3	90 Hours
6	Dialysis Unit	1	30 Hours
7	Transplant Room	2	60 Hours
8	Pediatric/ NICU	2	60 Hours
	Total	32 Weeks	960 Hours

ESSENTIAL CRITICAL CARE NURSING SKILLS

1. Procedures Observed

- CT Scan
- MRI
- EEG
- Haemodialysis
- Endoscopic Retrograde cholangiopancreatography (ERCP)
- Heart/ Neuro/GI/Renal Surgeries

2. Procedures Assisted

- Advanced life support system
- Arterial line/arterial pressure monitoring/withdrawing blood sample
- Arterial blood gas
- Arterial Catheterization
- Chest tube insertion
- Endotracheal intubation
- Ventilation
- Insertion of central line/ CVP line
- Connecting lines for dialysis

3. Procedure Performed

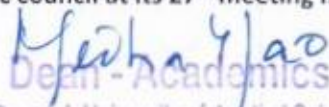
- ECG recording
- Blood transfusion
- IV cannulation therapy
- Airway management

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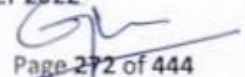


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- Application of oropharyngeal airway
- Oxygen therapy
- CPAP (Continuous Positive Airway pressure)
- Care of tracheostomy
- Endotracheal extubation
- Cardiopulmonary resuscitation: Basic cardiac life support
- Monitoring of critically ill patients – clinically with monitors, capillary refill time (CRT) assessment of jaundice
- Gastric lavage
- Assessment of critically ill patients:
- Identification and assessment of risk factors, Glasgow coma scale, and dolls eye movement, arterial pressure monitoring, cardiac output/pulmonary artery pressure monitoring and detection of life-threatening abnormalities
- Admission and discharge of critically ill patients
- Nutritional needs – Gastrostomy feeds, pharyngeal feeds, jejunostomy feeds, TPN, formula preparation and patient education


- Assessment of patient for alteration in blood sugar levels monitoring blood sugar levels periodically and administering insulin periodically
- Administration of drugs: IM, IV injection, IV cannulation, fixation of infusion pump, calculation of dosages, use of insulin syringes/ tuberculin, monitoring fluid therapy and blood administration
- Setting up dialysis machine and starting, monitoring and closing dialysis
- Procedures for prevention of infections:
- Hand washing, disinfection, sterilisation, surveillance, fumigation and universal precautions
- Collection of specimens
- Setting, use and maintenance of basic equipment, ventilator, O2 analyser, monitoring equipment, transducers, defibrillator, infusion, syringe pumps and centrifuge machine

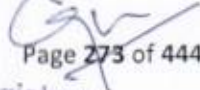
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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)										
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
33MEDICAL SURGICAL NURSING- CRITICAL CARE NURSING	CO 1	3	1	3	3	3	3	3	3	3	3
	CO 2	3	1	3	3	3	3	3	3	3	3
	CO 3	3	2	3	3	3	2	3	3	3	3
	CO 4	3	2	3	3	3	2	3	3	3	3
	CO 5	3	2	3	3	3	2	3	3	3	3
	CO 6	3	2	3	3	3	2	3	3	3	3
	CO 7	3	2	3	3	3	3	3	3	3	3
	CO 8	3	2	3	3	3	3	3	3	3	3
	CO 9	3	1	3	3	3	2	3	3	3	3
	CO 10	3	1	3	3	3	2	3	3	3	3
	CO 11	3	1	3	3	3	1	3	3	3	3
	CO 12	3	2	3	3	3	2	3	3	3	3
	CO 13	3	2	3	3	3	1	3	3	3	2
	CO 14	3	2	3	3	3	3	3	3	3	3
	CO 15	3	2	3	3	3	3	3	3	3	3
	CO 16	3	2	3	3	3	3	3	3	3	3
	CO 17	3	1	3	3	3	3	3	3	3	3
	CO 18	3	2	3	3	3	1	3	3	3	

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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LOG BOOK
CLINICAL SPECIALITY –II
MEDICAL SURGICAL NURSING
CRITICAL CARE NURSING


Placement : II year M.Sc Nursing

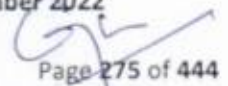
Practicum : 950 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1.	Procedure to be assisted					
a)	Preparation, assisting and after care of patients undergoing diagnostic procedure:					
	• Arterial puncture					
	• Drawing blood for blood gas analysis					
b)	Preparation, assisting and after care of patients undergoing therapeutic and invasive procedure					
	• Endotracheal intubation					
	• Endotracheal tube extubation					
	• Tracheostomy tube insertion					
	• Insertion of ICD					
	• Paracentesis					
	• Lumbar puncture					
2.	Special skills to be acquired in clinical practice					
	• ECG recording and its interpretation					
	• Cardiac monitoring					
	• Hemodynamic monitoring					
	○ Central venous pressure					
	○ Pulmonary artery pressure					
	○ Intra-arterial pressure					
	• Monitoring critically ill patient					

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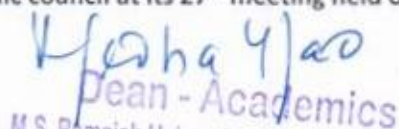
<ul style="list-style-type: none"> • Blood & blood products transfusion 					
<ul style="list-style-type: none"> • Care of patient on pacemaker 					
<ul style="list-style-type: none"> • Care of patient on CVP/IAP line 					
<ul style="list-style-type: none"> • Care of patient on PICC line 					
<ul style="list-style-type: none"> • Application of oropharyngeal airway 					
<ul style="list-style-type: none"> • Care of patient on tracheostomy tube 					
<ul style="list-style-type: none"> • Oxygen administration <ul style="list-style-type: none"> ○ Nasal cannula ○ Simple mask ○ Venturi mask ○ High flow 					
<ul style="list-style-type: none"> • Suctioning <ul style="list-style-type: none"> ○ Oropharyngeal ○ Endotracheal ○ tracheostomy 					
<ul style="list-style-type: none"> • Care of patient on intercostal drainage 					
<ul style="list-style-type: none"> • Care of patient on non-invasive ventilation <ul style="list-style-type: none"> ○ C-PAP ○ Bi-PAP 					
<ul style="list-style-type: none"> • Care of patient on mechanical ventilator 					
<ul style="list-style-type: none"> • Performing Gastric lavage 					
<ul style="list-style-type: none"> • Attending nutritional needs of the patient <ul style="list-style-type: none"> ○ Nasogastric feed ○ Gastrostomy feed ○ Jejunostomy feed ○ TPN 					
<ul style="list-style-type: none"> • Ostomy care <ul style="list-style-type: none"> ○ Colostomy ○ Ileostomy 					
<ul style="list-style-type: none"> • Care bundles <ul style="list-style-type: none"> ○ SSI 					

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	<ul style="list-style-type: none"> ○ CAUTI ○ CLABSI ○ VAP 					
	<ul style="list-style-type: none"> • Care of patient undergoing hemodialysis 					
	<ul style="list-style-type: none"> • Care of patient undergoing peritoneal dialysis 					
03	Emergency procedures					
	<ul style="list-style-type: none"> • Triage 					
	<ul style="list-style-type: none"> • Advanced cardiac life support 					
	<ul style="list-style-type: none"> • Administration of emergency medications <ul style="list-style-type: none"> ○ Inotropic agents/drugs ○ Thrombolytic agents/drugs 					

HEALTH ASSESSMENT (6) 1 IN EACH AREA (CARDIAC/ RESPIRATORY/ GASTRO-INTESTINAL/ NEUROLOGY/ EMERGENCY ASSESSMENT OF TRAUMA/ASSESSMENT OF CRITICALLY ILL PATIENT)

Sl. No.	Date	Area/ward	Name of the patient and i.p. No.	Diagnosis	Supervisor's signature
1					
2					
3					
4					
5					
6					

Madhya

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NURSING PROCESS WITH THEORY APPLICATION – (3) ONE IN EACH AREA (CARDIAC/RESPIRATORY/NEURO)

Sl. No.	Date	Area/ward	Name of the patient and i.p. No.	Diagnosis	Supervisor's signature
1					
2					
3					

CASE STUDY WITH PRESENTATION: (03) ONE IN EACH AREA (G.I, RENAL)

Sl. No	Area	Name of the patient	Diagnosis	Date of presentation	Signature of the supervisor
1					
2					

HEALTH EDUCATION –(1)

Sl. No	Area	Topic	Date of presentation	Signature of the supervisor
1				

DRUG STUDY – (3) DRUGS IN EACH AREA (CAUSALTY/ ICU)

Sl. No	Area	Topic	Date of submission	Signature of the supervisor
1				
2				
3				
4				
5				

M. Latha Rao

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MEDICAL SURGICAL NURSING – II

Course Specifications

Course Title	Medical surgical Nursing
Course Code	MNC613A
Course Type	Combination course
Department	Medical surgical Nursing (oncology nursing)
Faculty	Nursing

Course Summary

CLINICAL SPECIALITY-II

MEDICAL SURGICAL NURSING -ONCOLOGY NURSING

Placement: II Year

Hours of Instruction

Theory: 150 hrs

Practical:950 hrs

Total: 1100 hrs

COURSE OUTCOME

SUBJECT: MEDICAL SURGICAL NURSING -ONCOLOGY NURSING

Co-1	explain the prevention, screening and early detection of cancer.
Co-2	describe the epidemiology, etiology, pathophysiology, diagnostic assessment and nursing management of patients with specific malignant disorders of various body systems.
Co-3	demonstrate skill in comprehensive assessment of patient with oncological disorders.
Co-4	describe the psychosocial effects of cancer on patients and families.
Co-5	demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer.
Co-6	recognize the role of nurse in preparation and administration of chemotherapeutic agents and manage their side effects.
Co-7	apply nursing process in providing holistic care to patients with cancer.
Co-8	apply specific concepts of pain management.
Co-9	appreciate the care of death and dying patients and value of bereavement support.
Co-10	describe the philosophy, concept and various dimensions of palliative care.
Co-11	appreciate the role of alternative systems of medicine in care of cancer patients.
Co-12	appreciate the legal and ethical issues relevant to oncology nursing.

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Co-13	recognize and manage oncological emergencies.
Co-14	counsel the patients with cancer and their families.
Co-15	incorporate evidence-based nursing practice and identifies the areas of research in the field of oncology nursing.
Co-16	recognize the role of oncology nurse practitioner as a member of oncology team.
Co-17	collaborate with other agencies and utilize resources in caring for cancer patients.
Co-18	teach and supervise nurses and allied health workers.
Co-19	design a layout and develop standards for management of oncology units/hospitals and nursing care.

COURSE DESCRIPTION

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

COMPETENCIES

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

1. explain the prevention, screening and early detection of cancer.
2. describe the epidemiology, etiology, pathophysiology, diagnostic assessment and nursing management of patients with specific malignant disorders of various body systems.
3. demonstrate skill in comprehensive assessment of patient with oncological disorders.
4. describe the psychosocial effects of cancer on patients and families.
5. demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer.
6. recognize the role of nurse in preparation and administration of chemotherapeutic agents and manage their side effects.
7. apply nursing process in providing holistic care to patients with cancer.
8. apply specific concepts of pain management.
9. appreciate the care of death and dying patients and value of bereavement support.
10. describe the philosophy, concept and various dimensions of palliative care.
11. appreciate the role of alternative systems of medicine in care of cancer patients.
12. appreciate the legal and ethical issues relevant to oncology nursing.
13. recognize and manage oncological emergencies.
14. counsel the patients with cancer and their families.
15. incorporate evidence-based nursing practice and identifies the areas of research in the field of oncology nursing.
16. recognize the role of oncology nurse practitioner as a member of oncology team.
17. collaborate with other agencies and utilize resources in caring for cancer patients.
18. teach and supervise nurses and allied health workers.
19. design a layout and develop standards for management of oncology units/hospitals and nursing care.

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COURSE OUTLINE

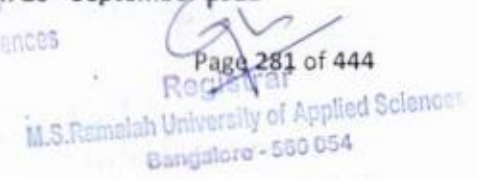
Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	4	Describe the epidemiology of oncological disorders of various body systems Recognize the role of oncology nurse practitioner as a member of oncology team	Introduction <ul style="list-style-type: none"> Epidemiology-Incidence, prevalence – Global, national, state and local Disease burden, concept of cancer, and risk factors Historical perspectives Trends and issues Principles of cancer management Roles and responsibilities of oncology nurse 	<ul style="list-style-type: none"> Lecture cum discussion Self-directed learning 	<ul style="list-style-type: none"> Short essay
II	5	Describe the normal cell biology and pathophysiological changes in tissues	The Nature of Cancer <ul style="list-style-type: none"> Normal cell biology The Immune system Pathological and pathophysiological changes in tissues <ul style="list-style-type: none"> Biology of the cancer cell Clone formation and transformation Tumour stem lines Structure of a solid tumour Products produced by the tumour Systemic effects of tumour growth 	<ul style="list-style-type: none"> Lecture cum discussion Video assisted teaching / images 	<ul style="list-style-type: none"> Short essay
III	4	Explain the etiology of oncological disorders of various body systems	Etiology of Cancer <ul style="list-style-type: none"> Carcinogenesis Theories of cancer causation Risk factors Carcinogens: Genetic factors, chemical carcinogens, radiation, viruses, immune system 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short Essay

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			<p>failure, and rapid tissue proliferation</p> <ul style="list-style-type: none"> Hormone changes, diet and emotional factors 		
IV	10	Demonstrate skill in comprehensive assessment and diagnostic assessment of oncological disorders of various body systems	<p>Diagnostic Evaluation</p> <ul style="list-style-type: none"> Health assessment: History taking, and physical examination Staging and grading of tumours TNM Classification Common diagnostic tests Blood investigation: Haematological, biochemical, tumour markers, and hormonal assay Cytology: Fine needle aspiration cytology (FNAC) Histopathology: Biopsy Radiological assessment: MRI, ultrasound, computed tomography, mammography, positron emission tomography (PET), radionuclide imaging and functional metabolism imaging Endoscopies Nurse's responsibilities in diagnostic measures 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on health assessment of cancer patient Interpretation of laboratory values Visit to biochemistry and pathology laboratory Use of X-ray images and scan in teaching Visit to radiology department 	<ul style="list-style-type: none"> Short essay Assessment of skill with checklist OSCE
V	10	Explain the prevention, screening and early detection of cancer	<p>Levels of prevention and care</p> <ul style="list-style-type: none"> Primary prevention – Guidelines for cancer detection, general measures, and warning signs of cancer Self-examination: Oral, breast and testicular Secondary prevention: Early diagnosis Screening Tertiary prevention: Disability limitation 	<ul style="list-style-type: none"> Lecture cum discussion Simulation on breast self-examination and testicular examination Seminar on screening and prevention of common cancers 	<ul style="list-style-type: none"> Short essay Assessment of skill with checklist Evaluation of seminar

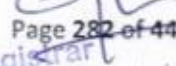
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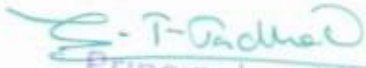

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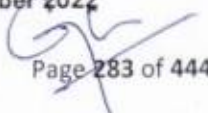

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			<ul style="list-style-type: none"> • Rehabilitation: Mobility, speech, bowel and bladder and ostomies • Patient and family education • Discharge instruction, follow-up care and use of community resources 		
VI	25	<p>Demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer</p> <p>Recognize the role of nurse in preparation and administration of chemotherapeutic agents and manage their side effects</p>	<p>Cancer Treatment Modalities and Nurse's Role</p> <p>Surgery</p> <ul style="list-style-type: none"> • Principles of surgical oncology • Current surgical strategy • Determining surgical risk • Special surgical techniques • Pre-intra-postoperative nursing care • Acute and chronic surgical complications • Future directions and advances <p>Chemotherapy</p> <ul style="list-style-type: none"> • Principles and classification of chemotherapeutics • Pharmacology of antineoplastic drugs: Mechanism of action, absorption, protein binding, bio-transformation, excretion, common side effects and drug toxicity • Calculating drug doses • Therapeutic response to chemotherapy- Tumour variables and drug resistance • Safety precautions • Management of spill of chemotherapeutic agents <p>Radiation Therapy</p> <ul style="list-style-type: none"> • Physics of radiotherapy • Types of ionizing rays 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on spill management • Case scenario • Supervised clinical practice • Calculation of drug doses • Drug presentation • Nursing skill video on spill management • Visit to radiology department • Visit to bone marrow transplant unit 	<ul style="list-style-type: none"> • Long essay • Short essay • Assessment of skill with checklist

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		<ul style="list-style-type: none"> • Radiation equipment's: Linear accelerator, cobalt, implants and isotopes • Types of therapies: Oral, brachytherapy, teletherapy and selectron therapy • Effects of radiation on the body tissue • Radiation biology: Cell damage, hypoxic cells and alteration of tumour kinetics • Approaches to radiation therapy: External radiotherapy and internal radiotherapy – unsealed and sealed sources • Effectiveness of radiotherapy: Radio sensitivity and treatment effects • Complications of radiotherapy • Radiation safety: Standards of Bhabha Atomic Research Centre (BARC) <p>Bone Marrow Transplantation /Stem Cell Transplantation</p> <ul style="list-style-type: none"> • Types, indications, transplantation procedure, complications and nursing management • Types and donor sources • Preparation, care of donor and recipient • Bone marrow bank • Legal and ethical issues <p>Immunotherapy (Biotherapy)</p> <ul style="list-style-type: none"> • Concepts and principles • Classification of agents 		
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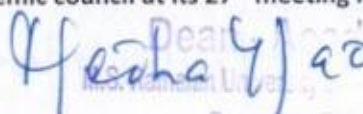

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		Appreciate the role of alternative systems of medicine in care of cancer patients	<ul style="list-style-type: none"> Treatment and applications <p>Gene Therapy</p> <ul style="list-style-type: none"> Current concepts and practices <p>Alternative and Complementary Therapies</p> <ul style="list-style-type: none"> Current practices 		
VII	10	Apply specific concepts of pain management	<p>Pain management: Theories, types and</p> <ul style="list-style-type: none"> Nature of cancer pain Pathophysiology of pain Pain threshold <p>Assessment of pain</p> <ul style="list-style-type: none"> Principles of cancer pain control Pharmacological: Opioid and non-opioid analgesic therapy Patient controlled analgesia (PCA) Other invasive techniques of pain control Recent developments in Cancer pain <p>Non- Pharmacological pain relief technique</p> <ul style="list-style-type: none"> Complementary therapies: Music, massage, meditation, relaxation technique and biofeedback Psychological intervention in pain control Alternative system of medicines <p>Role of nurse</p>	<ul style="list-style-type: none"> Lecture cum discussion Simulation on pain assessment using pain scale Assignment on pharmacological management of pain Seminar on complementary therapies used for management of cancer pain 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of assignment Evaluation of seminar
VIII	5	Describe the philosophy, concept and various	<p>Palliative care</p> <ul style="list-style-type: none"> Definition, scope and philosophy 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay

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		dimensions of palliative care	<ul style="list-style-type: none"> • Concept and elements of palliative care • Global and Indian perspective of palliative care • Quality of life issues • Communication skill • Nursing perspective of palliative care and its elements • Home care • Hospice care • Role of nurse in palliative care 	<ul style="list-style-type: none"> • Module on palliative care 	
IX	2	Demonstrate skills in infection control practices and standard safety measures in oncology unit	Infection control: <ul style="list-style-type: none"> • Process of infection, risk of hospitalization, nosocomial infections-prevention, control of infection in acute, long term care facility and community-based care • Standard safety measures 	<ul style="list-style-type: none"> • Lecture cum discussion • Flipped class room • Supervised clinical practice 	<ul style="list-style-type: none"> • Short essay
X	30	Describe the epidemiology, etiology, pathophysiology, diagnostic assessment and nursing management of patients with specific malignant disorders of various body systems Apply nursing process in providing holistic care to cancer patients	Nursing Care of Patients with Specific Malignant Disorders <ul style="list-style-type: none"> • Malignancies of Gastrointestinal system: Oral, oesophagus, stomach, rectal, liver and pancreas, and care of ostomies/stoma • Respiratory malignancies • Genitourinary system malignancies: Prostate, bladder, renal and testicular malignancies • Gynaecological malignancies: Cervix, uterus and ovary • Haematological malignancies: Lymphomas and leukaemia's • Malignancies of musculoskeletal system 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration ostomy care • Case vignette • Supervised clinical practice • Clinical presentation • Drug presentation 	<ul style="list-style-type: none"> • Long essay • Short essay • Assessment of skill with check list

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			<ul style="list-style-type: none"> • Endocrine malignancies • Skin • Head and neck: Brain tumours • Other malignancies : Breast cancer and AIDS related malignancies (Kaposi's sarcoma) 		
XI	10	Describe the epidemiology, etiology, pathophysiology, diagnostic assessment and nursing management of children with paediatric malignancies	Paediatric malignancies <ul style="list-style-type: none"> • Leukaemia, lymphoma, and neuro- blastoma • Wilm's tumor, soft tissue sarcoma and retinoblastoma • Nursing management of children with paediatric malignancies 	<ul style="list-style-type: none"> • Lecture cum discussion • Scenario based learning 	<ul style="list-style-type: none"> • Short essay
XII	15	Explain the nursing management of physiological conditions and symptoms of cancer patients	Nursing Management of Physiological Conditions and Symptoms of Cancer Patient <ul style="list-style-type: none"> • Nutrition: Effects of cancer on nutritional status and its consequences: Anaemia, cachexia, xerostomia, mucositis, dysphagia, nausea and vomiting, constipation, diarrhoea, electrolyte imbalances and taste alterations • Impaired mobility: Decubitus ulcer, pathologic fractures, thrombophlebitis, pulmonary embolism, contractures and foot drop Other symptoms <ul style="list-style-type: none"> • Dyspepsia, hiccup and dyspnoea • Intestinal obstruction • Fungating wounds • Anxiety, depression and insomnia 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on effect of cancer on nutritional status and its consequences 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of assignment

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			<ul style="list-style-type: none"> Lymph edema <p>Impact of cancer on sexuality:</p> <ul style="list-style-type: none"> Effects of radiotherapy/chemotherapy/surgery on sexuality of the cancer patient Nursing management of cancer patients experiencing sexual dysfunction Sexual counselling 		
XIII	10	Recognize and manage Oncological emergencies.	<p>Cancer Emergencies</p> <ul style="list-style-type: none"> Disseminated intravascular coagulation (DIC) Malignant pleural effusion Neoplastic cardiac tamponade, septic shock and spinal cord compression Superior venacava syndrome Metabolic emergency: Hyper and hypocalcemia Surgical emergency Urological emergency Haemorrhage Organ obstruction Brain metastasis Nurse's role in managing oncologic emergencies 	<ul style="list-style-type: none"> Lecture cum discussion Supervised clinical practice Clinical presentation 	<ul style="list-style-type: none"> Essay Short essay
XIV	8	Describe the psychosocial effects of cancer on patients and families. Counsel the patients with cancer and their families	<p>Psycho-Social Aspects of Nursing Care</p> <ul style="list-style-type: none"> Psychological responses of patients with cancer Psychosocial assessment Crisis intervention and coping mechanisms Stress management, spiritual/cultural care and needs Counselling: individual and family 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay

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		<p>Appreciate the legal and ethical issues relevant to oncology nursing</p> <p>Appreciate the care of death and dying patients and value of bereavement support</p>	<ul style="list-style-type: none"> Maximizing quality of life of patient and family <p>Ethical, moral and legal issues</p> <ul style="list-style-type: none"> End of life care Grief and grieving process Bereavement support Care of nurses who care for the dying 		
XV	2	Design a layout of oncology units/hospital and OPD	<p>Layout and Design of an oncology institution/ ward, OPD, chemotherapy unit, Bone marrow transplantation unit, and Pain clinic</p> <ul style="list-style-type: none"> Practice standards of oncology nursing <ul style="list-style-type: none"> Policies Procedures Establishing standing orders and protocols <p>Quality Assurance Programme in oncology units</p> <ul style="list-style-type: none"> Nursing audit 	<ul style="list-style-type: none"> Lecture cum discussion Self-directed learning Assignment on layout of oncology unit 	<ul style="list-style-type: none"> Short essay Evaluation of assignment

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PRACTICUM

Total = 960 Hours

1 Week = 30 Hours

Sl. No.	Dept./ Unit	No. of Week	Total Hours
1	Medical Oncology ward	6	180 Hours
2	Surgical Oncology ward	6	180 Hours
3	Bone marrow transplantation Unit	2	60 Hours
4	Operation Theatre	2	60 Hours
5	Radiotherapy Unit	2	60 Hours
6	Chemotherapy Unit	4	120 Hours
7	Outpatient department and pain clinic	2	60 Hours
8	Pediatric Oncology ward	2	60 Hours
9	Palliative Care ward	2	60 Hours
10	Community oncology	2	60 Hours
11	Hospice	1	30 Hours
12	Other field visits	1	30 hours
	Total	32 Weeks	960 hours


1. Procedures Observed

- CT Scan
- MRI
- PET Scan (Positron Emission Tomography)
- Ultra sound
- Mammography
- Radio Nuclide Imaging
- Bone Scan
- Thyroid Function Test
- Functional and Metabolic Imaging
- Transportation of radioactive materials

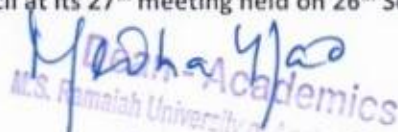
2. Procedures Assisted

- Chemotherapy
- Radiotherapy – Brachytherapy – low density radiation and high density radiation
- Interstitial implantation
- Bio-therapy and Gene therapy
- Teletherapy – Treatment planning
- Bone marrow aspiration and biopsy

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- Biopsy – tissue
- FNAC – Fine Needle Aspiration Cytology and biopsy
- Advance Cardiac life support
- Endotracheal intubation
- Ventilation
- Defibrillation
- Tracheostomy
- Thoracentesis
- Paracentesis
- Lumbar Puncture
- Arterial Blood Gas
- Nerve Block
- Chest tube insertion
- Intercostal drainage
- CVP monitoring

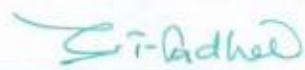
3. Procedure Performed

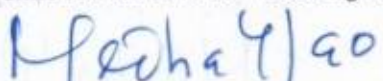
- Screening for cancer
- Assessment of pain
- Assessment of Nutritional status
- Care of Tracheostomy
- Endotracheal intubation
- Gastric gavage
- Pap smear
- IV cannulation
- Care of surgical flaps
- Care of ostomies
- Blood transfusion and component therapy
- Counselling
- Practice standard safety measures
- Care of dead body and mortuary formalities

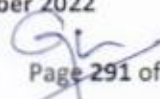
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2. Sethi D, Rani K. Medical Surgical Nursing I & II. 2nd ed. New Delhi: Jaypee brothers medical publishers (P) ltd; 2021.
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4. Janice LH, Kerry HC, Sharma SK, Madhavi S. Brunner and Suddarth's Textbook of Medical-Surgical Nursing. South Asian edition. New Delhi: Wolters Kluwer pvt. Ltd; 2018.
5. Vati J, Kaur P, Kaur L. Adult Medical Surgical Nursing volume I & II. Noida: Lotus publishers; 2022.
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7. Bartosz C, Territo M. Manual of Clinical Oncology. 8th ed. Philadelphia: Wolters Kluwer; 2017.
8. Question Mc M, Drapek CL, Witt ME. Manual for Radiation Oncology Nursing: Practice and Education. 5th ed. Canada: Oncology Nursing Society; 2021.

Course code & Name	Course Outcome (COs)									
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
MEDICAL SURGICAL NURSING-ONCOLOGY NURSING	CO 1	3	3	3	3	3	3	3	3	3
	CO 2	3	1	3	3	3	3	1	3	3
	CO 3	3	1	3	3	3	3	3	3	2
	CO 4	3	1	3	3	3	2	3	3	2
	CO 5	3	1	3	3	3	3	3	3	3
	CO 6	3	2	3	3	3	3	3	3	3
	CO 7	3	1	3	3	3	3	3	3	3
	CO 8	3	1	3	3	3	2	3	3	2
	CO 9	3	2	3	3	3	2	3	3	2
	CO 10	3	1	3	3	3	3	3	3	3
	CO 11	3	1	3	3	3	3	3	3	3
	CO 12	3	1	3	3	3	2	3	2	2
	CO 13	3	2	3	3	3	3	3	3	3
	CO 14	3	1	3	3	3	3	3	3	2
	CO 15	3	1	3	3	3	2	3	3	3
	CO 16	3	1	3	3	3	3	3	3	3
	CO 17	3	1	3	3	3	3	3	3	3
	CO 18	3	1	3	3	3	2	3	3	3
	CO 19	3	3	3	3	3	2	2	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution


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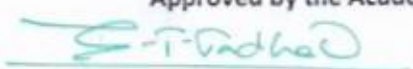
LOG BOOK
CLINICAL SPECIALITY –II
MEDICAL SURGICAL NURSING
ONCOLOGY NURSING

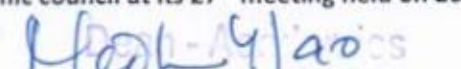
Placement : II year M.Sc Nursing

Practicum : 950 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1.	Procedure to be assisted					
	Preparation, assisting and after care of patients undergoing diagnostic procedure:					
	<ul style="list-style-type: none"> • IV cannulation – Open method • Arterial puncture 					
	<ul style="list-style-type: none"> • Drawing arterial blood for blood gas analysis 					
	<ul style="list-style-type: none"> • Arterial blood gas analysis and interpretation <ul style="list-style-type: none"> ○ Respiratory acidosis ○ Respiratory alkalosis ○ Metabolic acidosis ○ Metabolic alkalosis 					
	<ul style="list-style-type: none"> • Preparation of patient and assisting in Bone marrow <ul style="list-style-type: none"> ○ Aspiration ○ Biopsy 					
	<ul style="list-style-type: none"> • Biopsy – tissue 					
	<ul style="list-style-type: none"> • FNAC – Fine Needle Aspiration Cytology and biopsy • Pap smear 					
2.	Preparation, assisting and after care of patients undergoing therapeutic and invasive procedure					

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• CVP monitoring					
• Endotracheal intubation					
• Endotracheal tube extubation					
• Tracheostomy tube insertion					
• Insertion of Intercostal drainage					
• Thoracentesis					
• Paracentesis					
• Monitoring and maintenance of chest drainage system					
• Chest tube insertion					
• Lumbar puncture					
• Nerve block					
• Preparation of patient and administration of Chemotherapy					
• Assist in <ul style="list-style-type: none"> ○ Radiotherapy – Brachytherapy ○ Low density radiation ○ High density radiation 					
• Interstitial implantation					
• Bio-therapy and gene therapy					
• Teletherapy – Treatment planning					
• Bone marrow transplantation					
• Ventilation					
• Care of patient on non-invasive ventilation <ul style="list-style-type: none"> ○ C-PAP ○ Bi-PAP 					
• Care of patient on mechanical ventilator					
• Defibrillation					
• Advance Cardiac Life Support					

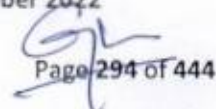
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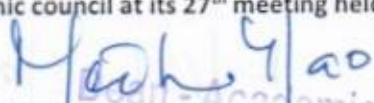

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3.	Special skills to be acquired in clinical practice				
	• History taking and physical examination of cancer patient				
	• Screening for common cancer- Breast, cervical and oral				
	• Assessment of pain and management				
	• Assessment of nutritional status				
	• Attending nutritional needs of the patient <ul style="list-style-type: none"> ○ Nasogastric feed ○ Gastrostomy feed ○ Jejunostomy feed ○ Total parenteral nutrition 				
	• Performing gastric gavage				
	• Care of ostomies <ul style="list-style-type: none"> ○ Colostomy ○ Ileostomy 				
	• Care of patient with side effects of cancer treatment- Loss of appetite, nausea and vomiting and stomatitis				
	• IV cannulation				
	• Maintenance of patent I.V. access site				
	• Care and maintenance of patient on central lines				
	• Care of patient on PICC line				
	• Care of patient with implanted port				
• Blood transfusion and component therapy					
• Care of patient on tracheostomy tube					
• Endotracheal intubation					

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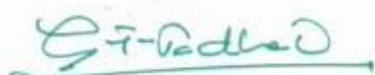

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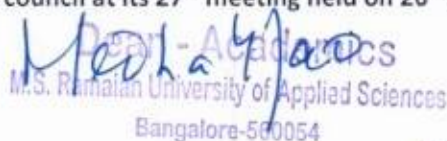
	<ul style="list-style-type: none"> ○ Care of patient with endotracheal tube ○ Position of ET tube ○ Assessment of cuff pressure ○ Oral care ○ Assess for pressure ulcers at angle of mouth 					
	<ul style="list-style-type: none"> ● Oxygen administration <ul style="list-style-type: none"> ○ Nasal cannula ○ Simple mask ○ Venturi mask ○ High flow 					
	<ul style="list-style-type: none"> ● Suctioning <ul style="list-style-type: none"> ○ Oropharyngeal ○ Endotracheal ○ tracheostomy 					
	<ul style="list-style-type: none"> ● Care of surgical flaps 					
	<ul style="list-style-type: none"> ● Perioperative care of patient undergoing cancer surgeries 					
	<ul style="list-style-type: none"> ● Skin care during external beam radiation 					
	<ul style="list-style-type: none"> ● Practice standard safety measures <ul style="list-style-type: none"> ○ Sharp injuries prevention ○ Cleaning and disinfection ○ Safe injection practices 					
	<ul style="list-style-type: none"> ● Care of dead body and mortuary formalities 					
	<ul style="list-style-type: none"> ● Counselling –patient and family in dealing with grieving and bereavement 					
4.	Procedures to be Observed					
	<ul style="list-style-type: none"> ● CT Scan 					
	<ul style="list-style-type: none"> ● MRI 					
	<ul style="list-style-type: none"> ● PET Scan (Positron Emission Tomography) <ul style="list-style-type: none"> ○ Ultrasound ○ Mammography 					

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	o Radio nuclide imaging					
	o Bone Scan					
	o Thyroid function test					
	o Functional and metabolic imaging					
	o Transportation of radioactive materials					
5.	Patient teaching					
	• Prevention, screening and early detection-warning signs of cancer					
	• Breast self-examination – patient and family member					
	• Post mastectomy exercises					
	• Deep breathing and coughing exercises					
	• Testicular self-examination					

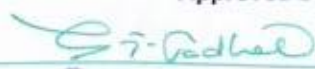
HEALTH ASSESSMENT – (5) ASSESSMENT OF EACH SYSTEM CANCER PATIENTS

Sl. No.	Date	Area/ ward	Name of the patient and i.p. No.	Diagnosis	Supervisor's signature
1					
2					
3					
4					
5					

NURSING PROCESS WITH THEORY APPLICATION – (3) ONE IN EACH AREA

Sl. No.	Date	Area/ ward	Name of the patient and i.p. No.	Diagnosis	Supervisor's signature
1					
2					
3					

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CASE STUDY WITH PRESENTATION: (02) ONE IN EACH AREA

Sl. No	Area	Name of the patient	Diagnosis	Date of presentation	Signature of the supervisor
1					
2					

HEALTH EDUCATION – (1)

Sl. No	Area	Name of the patient	Diagnosis	Date of presentation	Signature of the supervisor
1					

DRUG STUDY – (3) DRUGS IN EACH AREA

Sl. No	Area	Topic	Date of Submission	Signature of the supervisor
1				
2				
3				
4				
5				

Teaching Coordinator

H.O.D

M/L Y/20
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Sri-Radhakrishna

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CLINICAL SPECIALITY-II

MEDICAL SURGICAL NURSING - NEUROSCIENCES NURSING


Course Specifications

Course Title	CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - NEUROSCIENCES NURSING
Course Code	MNC614A
Course Type	Combination course
Department	MEDICAL SURGICAL NURSING
Faculty	Nursing

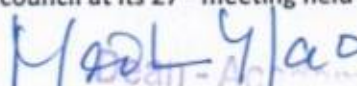
SUBJECT: MEDICAL SURGICAL NURSING -NEPHRO-UROLOGY NURSING

Co-1	appreciate trends and issues related to nephro and urological nursing.
Co-2	describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro andurological conditions.
Co-3	perform physical, psychosocial and spiritual assessment.
Co-4	assist in various diagnostic, therapeutic and surgical interventions.
Co-5	provide comprehensive nursing care to patients with nephro and urological conditions.
Co-6	describe the various drugs used in nephro and urological conditions and nurses' responsibility.
Co-7	demonstrate skill in handling various equipment's/gadgets used for patients with nephro and urological conditions.
Co-8	appreciate team work and coordinate activities related to patient care.
Co-9	practice infection control measures.
Co-10	identify emergencies and complications and take appropriate measures.
Co-11	assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.
Co-12	discuss the legal and ethical issues in nephro and urological nursing.
Co-13	identify the sources of stress and manage burnout syndrome among health care providers
Co-14	appreciate the role of alternative system of medicine in the care of patient
Co-15	incorporate evidence-based nursing practice and identify the areas of research in the field of nephro andurological nursing.
Co-16	teach and supervise nurses and allied health workers.
Co-17	design a layout of kidney transplant unit and dialysis unit.
Co-18	develop standards of nephro urological nursing practice.

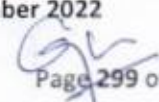
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COURSE OUT LINE

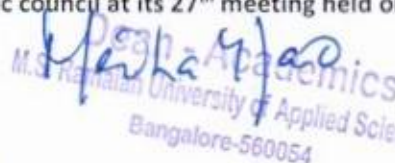
Unit	Time (Hrs)	Learning outcomes	Contents	Teaching/ Learning activities	Assessment Methods
I	5	<p>Appreciate trends and issues related to neurology and neurosurgical nursing</p> <p>Describe the concept and principles of neuroscience nursing</p>	<p>Introduction</p> <ul style="list-style-type: none"> • Introduction to neuroscience (neurological and neurosurgical) nursing • History: Development in neurological and neurosurgical nursing, service and education • Emerging trends and issues in neurology and neuro surgery and its implication to nursing • Neurological and neurosurgical problems • Concepts, principles and nursing perspectives • Ethical and legal issues • Evidence based nursing and its application in neurological and neurosurgical nursing 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
II	5	<p>Describe the epidemiology and etiology of patient with neurological and neurosurgical disorders.</p>	<p>Epidemiology</p> <ul style="list-style-type: none"> • Major health problem • Risk factors associated with neurological conditions: Hereditary, psychosocial factors, smoking, alcoholism, dietary habits, cultural and ethnic considerations, occupational and infections • Health promotion, disease prevention, life style modification and its implications to nursing • Alternate system of medicine/ 	<ul style="list-style-type: none"> • Lecture cum discussion • Visit to alternative system of medicine centre 	<p>Short essay</p>

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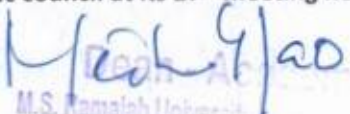
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			complementary therapies		
III	10	Review the anatomy and physiology of nervous system	Review of anatomy and physiology <ul style="list-style-type: none"> Embryology Structure and functions of nervous system: CNS, ANS, cerebral circulation, cranial and spinal nerves and reflexes, motor and sensory functions Sensory organs 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on anatomy and physiology of nervous system 	<ul style="list-style-type: none"> Evaluation of seminar
IV	15	Perform neurological assessment and assist in diagnostic procedures	Assessment and diagnostic measures <ul style="list-style-type: none"> Assessment <ul style="list-style-type: none"> History taking Physical assessment and psychosocial assessment Neurological assessments, Glasgow Coma Scale (GCS) interpretation and its relevance to nursing Common assessment abnormalities Diagnostic measures <ul style="list-style-type: none"> Cerebrospinal fluid analysis Radiological studies: Skull and spine X-ray, cerebral angiography, CT scan, Single Photon Emission Computer Tomography (SPECT), MRI (Magnetic Resonance Imaging), MRA, MRS, Functional MRI, myelography, PET (Positron Emission Test) and interventional radiology Electrographic 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on neurological assessment Seminar on nurses responsibilities in diagnostic tests used in neurological disorders 	<ul style="list-style-type: none"> Short essay OSCE Assessment of skill with checklist Evaluation of seminar

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			<p>studies: Electro encephalography, MEG, EMG and Video EEG</p> <ul style="list-style-type: none"> ○ Nerve conduction studies: Evoked potentials, visual evoked potentials, brain stem auditory evoked potentials and somatosensory evoked potentials ○ Ultrasound studies: Carotid duplex and transcranial Doppler sonography ○ Immunological studies ○ Biopsies: Muscle, nerve and brain ○ Interpretation of diagnostic measures ○ Nurse's role in diagnostic test 		
V	5	Explain the nutritional needs of neurological patients	<p>Meeting nutritional needs of neurological patients</p> <ul style="list-style-type: none"> • Basic nutritional requirements • Metabolic changes following injury and starvation • Nutritional assessment • Common neurological problems that interfere with nutrition and strategies for meeting their nutritional needs • Special metabolic and electrolyte imbalances • Chronic fatigue syndrome 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on nutritional assessment 	<ul style="list-style-type: none"> • Short essay • Assessment of skill with checklist

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VI	5	Describe the various drugs used in the neurological disorders and nurse's responsibility	Drugs used in neurological and neurosurgical disorders <ul style="list-style-type: none"> • Classification • Indications, contraindications, actions, effects and toxic effects • Role of nurse 	<ul style="list-style-type: none"> • Lecture cum discussion • Drug presentation 	<ul style="list-style-type: none"> • Short essay • Evaluation of drug presentation
VII	10	Demonstrate advance skills in managing patients with traumatic neurological conditions following nursing process approach	Traumatic conditions <ul style="list-style-type: none"> • Causes, clinical types pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Craniocerebral injuries ○ Spinal and Spinal cord injuries ○ Peripheral nerve injuries ○ Unconsciousness 	<ul style="list-style-type: none"> • Lecture cum discussion • Case study • Flipped class room • Demonstration on assessment of level of consciousness 	<ul style="list-style-type: none"> • Long essay • Short essay • Assessment of skill with checklist
VIII	10	Demonstrate advance skills in managing patients with cerebrovascular disorders following nursing process approach Assist in various therapeutic and surgical procedures	Cerebrovascular disorders <ul style="list-style-type: none"> • Causes, clinical types pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Stroke and arterio-venous thrombosis ○ Haemorrhagic embolus ○ Cerebrovascular accident ○ Intracranial aneurysm ○ Subarachnoid haemorrhage ○ Arterio-venous fistula 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Long Essay • Quiz

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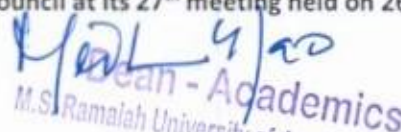
			<ul style="list-style-type: none"> ○ Brain tumours ○ Diseases of cranial nerves: Trigeminal neuralgia, facial palsy and bulbar palsy 		
IX	10	<p>Demonstrate advance skills in managing patients with degenerating and demyelinating disorders following nursing process approach</p> <p>Assist in various therapeutic and surgical procedures</p>	<p>Degenerating and demyelinating disorders</p> <ul style="list-style-type: none"> • Causes, clinical types pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Motor neuron diseases ○ Movement disorders- Tics, dystonia, chorea, Wilson's disease, and essential tremors ○ Dementia ○ Parkinson's disease ○ Multiple sclerosis ○ Alzheimer's disease 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on motor neuron diseases • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of seminar
X	10	<p>Explain the management of neuro infections</p>	<p>Neuro infections</p> <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Meningitis-types ○ Encephalitis ○ Poliomyelitis ○ Parasitic infections ○ Bacterial infections ○ Neurosyphilis ○ HIV and AIDS ○ Brain abscess 	<ul style="list-style-type: none"> • Lecture cum discussion • Case vignette • Supervised clinical practice 	<ul style="list-style-type: none"> • Short essay

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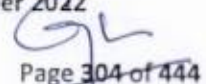


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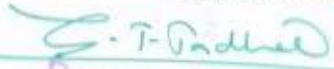
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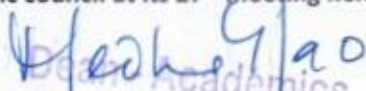
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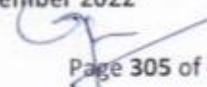
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XI	10	Describe the epidemiology, etiology, pathophysiology, diagnostic assessment and management of paroxysmal disorders	Paroxysmal disorders <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Epilepsy and seizures ○ Status epilepticus ○ Syncope ○ Meniere's syndrome ○ Cephalgia 	<ul style="list-style-type: none"> • Lecture cum discussion • Flipped classroom • Supervised clinical practice 	<ul style="list-style-type: none"> • Short essay
XII	10	Explain the management of developmental disorders	Developmental disorders <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Hydrocephalus ○ Craniosynostosis ○ Spina bifida-Meningocele, meningomyelocele and encephalocele ○ Syringomyelia ○ Cerebrovascular system anomalies ○ Cerebral palsies ○ Down's syndrome 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice 	<ul style="list-style-type: none"> • Short essay
XIII	10	Demonstrate advance skills in managing patients with neuromuscular disorders following nursing process approach	Neuromuscular disorders <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Polyneuritis – GB 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice • Clinical presentation 	<ul style="list-style-type: none"> • Short essay

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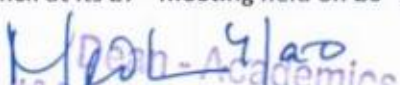
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		Assist in various therapeutic and surgical procedures	<p>Syndrome</p> <ul style="list-style-type: none"> ○ Muscular dystrophy ○ Myasthenia gravis ○ Trigeminal neuralgia ○ Bell's palsy ○ Meniere's disease ○ Carpal tunnel syndrome ○ Peripheral neuropathies 		
XIV	5	Explain the management of neoplasms	<p>Neoplasms – surgical conditions</p> <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of <ul style="list-style-type: none"> ○ Space occupying lesions –types ○ Common tumors of CNS 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay
XV	5	Describe the management of metabolic, sleep and autoimmune disorders	<p>Other disorders</p> <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of • Metabolic disorders- diabetes insipidus and metabolic encephalopathy • Sleep disorders • Auto immune disorders- multiple sclerosis and inflammatory myopathies 	<ul style="list-style-type: none"> • Lecture cum discussion • Scenario based learning 	<ul style="list-style-type: none"> • Short essay
XVI	10	Describe the epidemiology, etiology,	<p>Neuro emergencies</p> <ul style="list-style-type: none"> • Causes, clinical types, 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay

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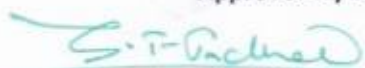

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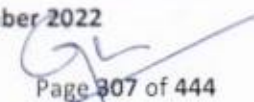
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		<p>pathophysiology and diagnostic assessment, management of neuro emergencies</p> <p>Assist in various therapeutic and surgical procedures</p>	<p>pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of</p> <ul style="list-style-type: none"> ○ Increased intracranial pressure ○ Unconscious ○ Herniation syndrome ○ Seizures ○ Severe head injuries ○ Spinal injuries ○ Cerebrovascular accident 	<ul style="list-style-type: none"> • Case vignette • Supervised clinical practice 	
XVII	5	<p>Participate in rehabilitative services for neurological and neurosurgical patients</p>	<p>Rehabilitation</p> <ul style="list-style-type: none"> • Concept and Principles of Rehabilitation • Factors affecting quality of life and coping • Rehabilitation in acute care setting, and following stroke, head injury and degenerative disorders of brain • Physiotherapy • Counselling • Care giver's role <p>Speech and Language:</p> <ul style="list-style-type: none"> • Neurogenic communication disorders and speech therapy 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on rehabilitation in neurological disorders 	<ul style="list-style-type: none"> • Short essay • Evaluation of seminar
XVIII	5	<p>Explain legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing</p>	<p>Ethical and legal issues in neuroscience nursing</p> <ul style="list-style-type: none"> • Brain death and organ transplantation • Euthanasia • Negligence and malpractice • Nosocomial infections 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short essay

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XIX	5	<p>Develop standard of care for quality assurance in neuroscience nursing practice</p> <p>Organise and conduct in-service education program for nursing personnel</p> <p>Plan and develop physical layout of neuro intensive care unit</p> <p>Teach and supervise nurses and allied health workers</p>	<p>Quality assurance in neurological nursing practice</p> <ul style="list-style-type: none"> • Role of advance practitioner in neurological nursing • Professional practice standards • Quality control in neurologic nursing • Nursing audit • Neuro ICU <ul style="list-style-type: none"> ○ Philosophy, aims and objectives ○ Policies, staffing pattern, design and physical plan of neuro ICU ○ Team approach, functions ○ Psychosocial aspects in relation to staff and clients of neuro ICU ○ In-service education 	<ul style="list-style-type: none"> • Lecture cum discussion • In-service education for staff nurses 	<ul style="list-style-type: none"> • Short essay • Evaluation of in-service education
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PRACTICUM

Sl. No.	Dept./ Unit	No. of Week	Total Hours
1	O.P.D.	2	60 Hours
2	Casualty	2	60 Hours
3	Diagnostics	2	60 Hours
4	Neuro psychiatry	1	30 Hours
5	Neuro Medical wards	4	120 Hours
6	Pediatric Neuro ward	2	60 Hours
7	Neuro surgical wards	4	120 Hours
8	Head Injury ward	3	90 Hours
9	ICU- neuro medicine	4	120 Hours
10	ICU - neuro surgical	4	120 Hours
11	Rehabilitation	2	60 Hours
12	Operation Theatre	2	60 Hours
Total		32Weeks	960 Hours

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ESSENTIAL NEURO NURSING SKILLS

1. Procedures Observed

- CT scan
- MRI
- PET
- EEG
- EMG
- Sleep pattern studies/Therapy
- Radiographical studies
- Neuro surgeries
- Nerve conduction studies
- Ultrasound studies

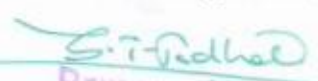
2. Procedures Assisted

- Advanced Cardiac life support
- Lumbar Puncture
- Biopsies – Muscle, nerve and brain
- Arterial Blood Gas
- Endotracheal intubation
- Ventilation
- Tracheostomy
- ICP monitoring
- Gama Knife radiosurgery
- Cerebral angiography
- Myelography
- Neuro surgeries

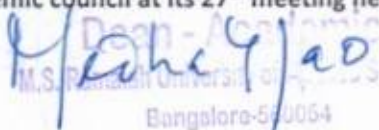
3. Procedures Performed:

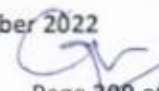
- ECG Recording
- Blood transfusion
- Airway management
 - Application of Oro-pharyngeal airway
 - Care of Tracheostomy
 - use of AMBU bag, artificial respirators
 - Setting of Ventilators and Care of patients on ventilators
- Cardiopulmonary Resuscitation
- Defibrillation
- Neurological assessment -Glasgow coma scale
- Gastric Lavage
- IV Cannulation
- Administration of emergency IV drugs and fluid
- Care of patients with incontinence and bladder training
- Catheterization
- Care of patients on traction related to the neurological conditions
- Muscle strengthening exercises
- Guidance and counselling
- Monitoring – Management and care of monitors.

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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING NEURO SCIENCES NURSING MNC614A	CO 1	3	3	2	3	2	2	3	3	3
	CO 2	3	2	3	3	2	1	2	2	3
	CO 3	3	3	3	3	3	2	3	2	3
	CO 4	2	2	3	3	2	2	2	3	2
	CO 5	2	3	2	3	2	3	2	2	2
	CO 6	3	2	3	3	2	2	2	3	2
	CO 7	3	2	3	3	3	2	2	3	3
	CO 8	3	3	3	3	3	3	3	2	3
	CO 9	3	1	2	3	3	2	2	3	2
	CO 10	3	3	3	3	3	2	3	3	3
	CO 11	3	3	2	3	3	2	2	3	3
	CO 12	3	3	3	3	3	3	3	2	3
	CO 13	3	3	3	3	3	3	2	3	3
	CO 14	3	2	3	3	3	3	3	2	2
	CO 15	3	1	2	3	3	2	2	2	3
	CO 16	2	3	3	3	3	3	3	3	3
	CO 17	3	2	3	3	3	2	3	3	3

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CLINICAL SPECIALITY-II

MEDICAL SURGICAL NURSING NEPHRO-UROLOGY NURSING

Course Specifications

Course Title	CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - NEPHRO-UROLOGY NURSING
Course Code	MNC615A
Course Type	Combination course
Department	MEDICAL SURGICAL NURSING
Faculty	Nursing

SUBJECT: MEDICAL SURGICAL NURSING -NEUROSCIENCES NURSING

Co-1	appreciate trends and issues related to neurology and neurosurgical nursing.
Co-2	review the anatomy and physiology of nervous system.
Co-3	describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders.
Co-4	perform neurological assessment and assist in diagnostic procedures.
Co-5	describe the concepts and principles of neuroscience nursing.
Co-6	describe the various drugs used in neurosciences and nurse's responsibility.
Co-7	assist in various therapeutic and surgical procedures in neuroscience nursing.
Co-8	demonstrate advance skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach.
Co-9	identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional distress, spiritual, grief and anxiety.
Co-10	participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients.
Co-11	explain legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing.
Co-12	incorporate evidence-based nursing practice and identify the areas of research in the field of neuroscience nursing.
Co-13	organize and conduct in-service education program for nursing personnel..
Co-14	develop standard of care for quality assurance in neuroscience nursing practice.
Co-15	identify the sources of stress and manage burnout syndrome among health care providers.
Co-16	teach and supervise undergraduate students' nurses and allied health workers.
Co-17	plan and develop physical layout of neuro intensive care unit.

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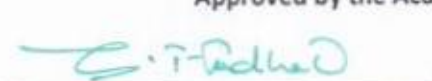

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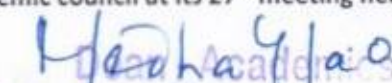
COURSE OUTLINE

Unit	Time (hrs)	Learning outcome	Content	Teaching /Learning Activity	Assessment method
I	5	<p>Appreciate the trends and issues in nephro and urological nursing</p> <p>Discuss the ethical and legal issues in the field of nephro and urological nursing</p>	<p>Introduction</p> <ul style="list-style-type: none"> Historical development: trends and issues in the field of nephro and urological nursing Nephro and urological problems Concepts, principles and nursing perspectives Ethical and legal issues Evidence based nursing and its application in nephro and urological nursing (to be incorporated in all the units) 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on ethical and legal issues in nephro - urological nursing 	<ul style="list-style-type: none"> Short essay Evaluation of assignment
II	5	Describe the epidemiology, etiology of nephro and urological conditions	<p>Epidemiology</p> <ul style="list-style-type: none"> Major health problems- urinary dysfunction, urinary tract infections, Glomerular disorders, obstructive disorders and other urinary disorders Risk factors associated with nephro and urological conditions conditions- Hereditary, Psychosocial factors, smoking, alcoholism, dietary habits, 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on risk factors associated with nephro-urological conditions 	<ul style="list-style-type: none"> Long essay Short essay Quiz Evaluation of seminar

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			<p>cultural and ethnic considerations</p> <ul style="list-style-type: none"> • Health promotion, disease prevention, life style modification and its implications to nursing • Alternate system of medicine/complementary therapies 		
III	5	Review the anatomy and physiology of urinary system	<p>Review of anatomy and physiology of urinary system</p> <ul style="list-style-type: none"> • Embryology • Structure and functions • Renal circulation • Physiology of urine formation • Fluid and electrolyte balance • Acid base balance • Immunology specific to kidney 	<ul style="list-style-type: none"> • Lecture • Discussion • Self-directed learning • Models • Exercise on calculation of intake output chart 	<ul style="list-style-type: none"> • Long essay • Short Essay • OSCE
IV	20	<p>Perform physical, psychosocial and spiritual assessment</p> <p>Assist in various diagnostic procedures</p>	<p>Assessment and diagnostic measures</p> <ul style="list-style-type: none"> • History taking • Physical assessment and psychosocial assessment • Common assessment abnormalities- Dysuria, frequency, enuresis, urgency, hesitancy, haematuria, pain, retention, burning on urination, pneumaturia, incontinence, nocturia, polyurea, anuria and oliguria • Diagnostic tests- urine studies and blood chemistry 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration on assessment of nephrological and urological system • Exercise on normal lab values • Use of x-ray and scan images • Visit to biochemistry lab • Visit to radiology department 	<ul style="list-style-type: none"> • Long essay • Short essay • OSCE • Assessment of skill with checklist

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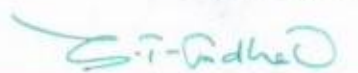

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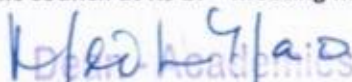
			<ul style="list-style-type: none"> Radiological procedures-KUB, (kidney urinary bladder) IVP (intravenous pyelogram nephrotomogram, retrograde pyelogram, renal arteriogram, renal ultrasound, CT scan, MRI, cystogram, renal scan, biopsy and endoscopy-cystoscopy Urodynamics Studies cystometrogram, urinary flow study, sphincter electromyography, voiding pressure flow study, video urodynamics, and whitaker study Interpretation of diagnostic measures Nurse's role in diagnostic tests 		
V	5	Discuss the general concepts of immunopathology	Renal Immunopathy /Immunopathology <ul style="list-style-type: none"> General Concept of immunopathology Immune mechanism of glomerular vascular disease • Role of mediator systems in glomerular vascular disease 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on role of mediator systems in glomerular vascular disease 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of seminar
VI	15	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patient with	Urological Disorders and nursing management <ul style="list-style-type: none"> Etiology, pathophysiology, clinical manifestations, diagnosis, prognosis, related, 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on bladder disorders Case vignette Visit to urology outpatient department 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of seminar

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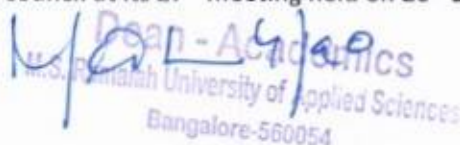
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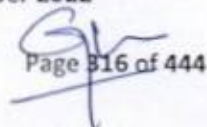
		urological disorders Provide comprehensive nursing care to patients with urological disorders	medical, surgical and nursing management of: <ul style="list-style-type: none"> ○ Urinary tract infections- pyelonephritis, lower urinary tract infections ○ Disorders of ureters, bladder and urethra ○ Urinary tract infections- ○ Urinary dysfunctions- urinary retention, urinary incontinence and urinary reflux ○ Bladder disorders- neoplasms, calculi, neurogenic bladder, trauma and congenital abnormalities ○ Benign prostrate hypertrophy (BPH) ○ Ureteral disorders: ureteritis, ureteral trauma and congenital anomalies of ureters ○ Urethral disorders- tumours, trauma, congenital anomalies of ureters 	and inpatient department <ul style="list-style-type: none"> • Supervised clinical practice 	
VII	25	Describe the etiology, pathophysiology,	Glomerular disorders and nursing management	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay • Short essay • Quiz

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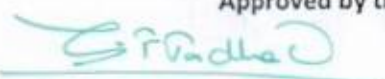

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		clinical manifestations, diagnostic measures and management of patient with glomerular disorders	<ul style="list-style-type: none"> Etiology, pathophysiology, clinical manifestations, diagnosis, prognosis, related, medical, surgical and nursing management of: <ul style="list-style-type: none"> Glomerulonephritis: Acute and chronic Nephrotic syndrome Acute Renal failure and chronic kidney disease Renal calculi Renal tumours: Benign and malignant Renal trauma Renal abscess Diabetic nephropathy Vascular disorders Renal tuberculosis Polycystic Congenital disorders Hereditary renal disorders 	<ul style="list-style-type: none"> Flipped classroom Scenario based learning Assignment on management of diabetic nephropathy Supervised clinical practice 	<ul style="list-style-type: none"> Evaluation of assignment
VIII	10	Identify renal emergencies and complications and take appropriate measures	Management of Renal emergencies <ul style="list-style-type: none"> Anuria Acute Renal failure Poisoning Trauma Urine retention Acute graft rejection Hematuria Nurse's role 	<ul style="list-style-type: none"> Lecture cum discussion Mockdrill on management of renal emergencies Supervised clinical practice Clinical presentation 	<ul style="list-style-type: none"> Long essay Short essay Assesment of skill using checklist
IX	10	Describe the various drugs used in urinary	Drugs used in urinary disorders	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay OSCE

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		disorders and nurse's responsibility	<ul style="list-style-type: none"> • Classification • Indications, contraindications, actions and effects, toxic effects • Role of nurse 	<ul style="list-style-type: none"> • Drug presentation • Exercise on calculation of drug dosage 	
X	10	<p>Identify the various types of dialysis</p> <p>Discuss the procedure of dialysis (equipment's used during vascular access sites)</p>	<p>Dialysis</p> <ul style="list-style-type: none"> • Dialysis: History, types, principles and goals <ul style="list-style-type: none"> ○ Haemodialysis-vascular access sites- temporary and permanent ○ Peritoneal dialysis • Dialysis Procedures- steps, equipment and maintenance • Role of nurse- pre dialysis, intra and post dialysis • Complications • Counselling • Patient education - diet during dialysis • Records and reports 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on management of complications of dialysis • Video-assisted teaching- dialysis procedure • Exercise on dietary plan for patient undergoing hemodialys • Supervised clinical practice 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of seminar
XI	10	<p>Provide comprehensive nursing care to the patient before and after kidney transplantation</p> <p>Identify the complications of kidney transplantation and take appropriate measures</p>	<p>Nursing management of a patient with Kidney transplantation</p> <ul style="list-style-type: none"> • Kidney transplantations- a historical review • Immunology of graft rejections • The recipient of a renal transplant • Renal preservations • Human Leucocytic Antigen (HLA) typing matching and cross matching in renal transplantation • Surgical techniques of renal transplantations 	<ul style="list-style-type: none"> • Lecture cum discussion • Visit to renal transplantation unit • Supervised clinical practice 	<ul style="list-style-type: none"> • Long essay • Short essay

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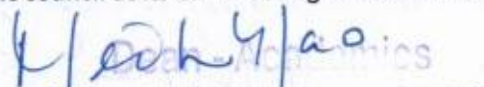

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			<ul style="list-style-type: none"> Chronic renal transplant rejection Complication after KTP: Vascular and lymphatic, Urological, cardiovascular, liver, neurological and infectious complication KTP in children and management of pediatric patient with KTP KTP in developing countries Work up of donor and recipient for renal transplant Psychological aspect of KTP and organ donations Ethics in renal transplants Cadaveric transplantation 		
XII	5	Explain the rehabilitative measures in patients with nephrological problems	Rehabilitation of patient with nephrological problems <ul style="list-style-type: none"> Risk factors and prevention Rehabilitation of patients on dialysis and post kidney transplant Rehabilitation of patients after urinary diversions Family and patient teaching 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on rehabilitation of patients on dialysis and post kidney transplant 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
XIII	10	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of	Pediatric urinary disorders <ul style="list-style-type: none"> UTI, ureteral reflux, glomerular nephritis, nephrotic syndrome infantile nephrosis and cystic kidney 	<ul style="list-style-type: none"> Lecture cum discussion Supervised clinical practice 	<ul style="list-style-type: none"> Long essay Short essay

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		paediatric urinary disorders	<ul style="list-style-type: none"> Familial factors in renal diseases in childhood, Haemolytic uremic syndrome. Benign recurrent haematuria, nephropathy and Wilms' tumour 		
XIV	5	<p>Design a layout of kidney transplant unit and dialysis unit</p> <p>Teach and supervise nurses and allied health workers.</p>	<p>Critical care units- dialysis, KTP unit</p> <ul style="list-style-type: none"> Philosophy, aims and objectives Policies, staffing pattern, design and physical plan of Dialysis and KTP units Team approach, functions Psychosocial aspects in relation to staff and patients of ICU, dialysis unit In-service education Ethical and legal issues 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay Short essay
XV	5	<p>Develop standards of nephrological nursing practice</p> <p>Incorporate evidence-based nursing practice and identify the areas of research in the field of nephro and urological nursing</p>	<p>Quality assurance in nephrological nursing practice</p> <ul style="list-style-type: none"> Role of advance practitioner in nephrological nursing Professional practice standards Quality control in nephrological nursing Nursing audit 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on quality assurance in nephrological nursing practice 	<ul style="list-style-type: none"> Short essay Evaluation of seminar

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PRACTICUM

Total: 960 hrs
1 Week= 30 hrs

S. No.	Dept/unit	No of week	Total hours
1	Nephrology Ward	6	180 hours
2	Paediatrics	2	60 hours
3	Critical Care Unit	2	60 hours
4	Urology Ward	6	180 hours
5	Dialysis Unit	4	120 hours
6	Kidney Transplantation Unit	2	60 hours
7	URO OT	2	60 hours
8	Emergency Wards	2	60 hours
9	Uro Nephro OPDs	4	120 hours
10	Diagnostic labs	2	60 hours
	Total	32 weeks	960 hours

1. Procedures Observed

- CT Scan
- MRI
- Radiographic studies
- Urodynamics
- Haemodialysis
- Renal Surgeries

2. Procedures Assisted

- Arterial Catheterization
- Insertion of central line/CVP line
- Connecting lines for dialysis
- Peritoneal dialysis
- Renal biopsy
- Endoscopies- Bladder, urethra


3. Procedure Performed

- Health assessment
- Insertion of urethral and suprapubic catheters
- Urine analysis
- Catheterisation
- Peritoneal dialysis
- Bladder irrigation
- Care of ostomies
- Care of urinary drainage
- Bladder training
- Care of vascular access

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- Setting up dialysis machine and starting, monitoring and closing dialysis
- Procedures for prevention of infections: Hand washing, disinfection, sterilization surveillance, fumigation and universal precautions
- Collection of specimens
- Administration of drugs: IM, IV injection, IV cannulation and fixation of infusion pump, calculation of dosages, blood administration
- Monitoring -fluid therapy, and electrolyte imbalance
- Nutritional needs, diet therapy and patient education
- Counselling

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7. Black JM, Hawks JH. Medical Surgical Nursing Clinical Management for Positive outcomes. 8th ed. New Delhi: Elsevier; 2020.
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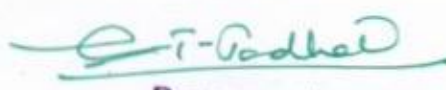
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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)							
			PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - NEPHRO-UROLOGY NURSING MNC615A	CO 1	3	3	2	3	2	3	2	3	3
	CO 2	2	1	3	2	2	2	2	3	2
	CO 3	2	2	3	3	3	2	2	2	3
	CO 4									
	CO 5	3	2	3	3	2	3	3	3	3
	CO 6	3	2	2	3	3	2	3	3	2
	CO 7	3	1	2	3	2	2	2	3	3
	CO 8	3	2	2	3	2	3	3	3	3
	CO 9	2	3	3	3	3	3	3	3	2
	CO 10	3	3	3	3	2	3	3	3	2
	CO 11	2	2	2	3	3	2	3	3	3
	CO 12	2	2	2	2	2	2	2	3	2
	CO 13	2	3	2	2	2	2	3	3	2
	CO 14	3	3	2	2	3	3	2	3	2
	CO 15	3	2	3	2	3	3	3	2	3
	CO 16	2	3	3	3	3	2	3	3	3
	CO 17	3	3	3	3	2	3	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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Ge

S. T. Radhe
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MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

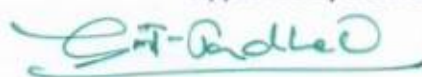
Course Specifications

Course Title	CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING
Course Code	MNC616A
Course Type	Combination course
Department	MEDICAL SURGICAL NURSING
Faculty	Nursing

SUBJECT: MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

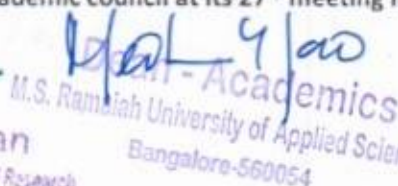
Co-1	appreciate the history and developments in the field of orthopedic nursing.
Co-2	identify the psycho-social needs of the patient while providing holistic care.
Co-3	perform physical and psychological assessment of patients with orthopedic conditions and disabilities.
Co-4	describe various disease conditions and their management.
Co-5	discuss various diagnostic tests required in orthopedic conditions.
Co-6	apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation.
Co-7	recognize and manage orthopedic emergencies.
Co-8	describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation.
Co-9	integrate the concept of family centered, long term care and community-based rehabilitation to patients with orthopedic conditions.
Co-10	counsel the patients and their families with orthopedic conditions.
Co-11	describe various orthotic and prosthetic appliances.
Co-12	appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation.
Co-13	appreciate the role of alternative system of medicine in care of patients with orthopedic conditions.
Co-14	incorporate evidence-based nursing practice and identify the areas of research in the field of orthopedic nursing.
Co-15	recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team.
Co-16	teach orthopedic nursing to undergraduate students and in-service nurses.
Co-17	prepare a design and layout of orthopedic and rehabilitative units.

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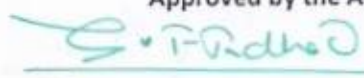

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COURSE OUTLINE

Unit	Time (hrs)	Learning Outcomes	Content	Teaching/ Learning Activity	Assessment Method
I	5	<p>Appreciate the history and developments in the field of orthopaedic nursing</p> <p>Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team</p>	<p>Introduction</p> <ul style="list-style-type: none"> Historical perspectives: History and trends in orthopedic nursing Definition and scope of orthopedic nursing Anatomy and physiology of musculo-skeletal system Posture, body landmarks, skeletal system and muscular system. Nervous system - Main nerves Healing of – Injury and bone injury Repair of ligaments Systemic response to injury Ergonomics, body mechanics and biomechanical measures Orthopedic team 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay
II	8	<p>Perform physical and psychological assessment of patients with orthopedic conditions and disabilities</p> <p>Discuss various diagnostic tests</p>	<p>Assessment of orthopedic patient</p> <ul style="list-style-type: none"> Health Assessment: History, physical examination- Inspection, palpation, movement, measurement and muscle strength testing 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on orthopedic assessment 	<ul style="list-style-type: none"> Short essay Assessment of skill with checklist

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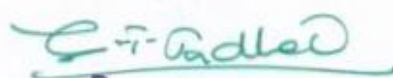

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		required in orthopedic conditions	<ul style="list-style-type: none"> Diagnostic studies – Radiological studies, muscle enzymes and serologic studies 		
III	10	Describe various orthotic and prosthetic appliances	Care of patients with devices <ul style="list-style-type: none"> Splints, braces, various types of plaster cast and various types of tractions Various types of orthopedic beds and mattresses Comfort devices Implants in orthopedic prosthetics and orthotics 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on orthopedic prosthetics 	<ul style="list-style-type: none"> Short essay Evaluation of assignment
IV	15	Describe orthopedic injuries and their management Apply nursing process in providing care to patients with orthopedic injuries	Injuries Trauma and Injuries <ul style="list-style-type: none"> Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: Early management of trauma Fractures Injuries of the <ul style="list-style-type: none"> Shoulder and arm Elbow, fore arm, wrist and hand Hip, thigh, knee, leg, ankle and foot Spine Head injury Chest injury Polytrauma Nerve injuries Vascular injuries Soft tissue injuries Sports injuries 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on management of head and spinal injuries Supervised clinical practice Case presentation 	<ul style="list-style-type: none"> Long essay Evaluation of seminar

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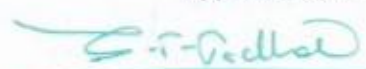

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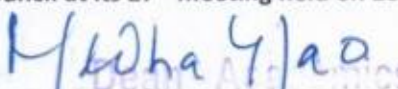
Programme structure and course details of M.Sc. Nursing-2022

			o Amputation		
V	8	Describe the infections of bones and joints and their management Apply nursing process in providing care to patients with infections of bones and joint	Infections of bones and joints • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: o Tuberculosis o Osteomyelitis o Arthritis o Leprosy	• Lecture cum discussion • Case vignette • Supervised clinical practice	• Long essay
VI	5	Describe the bone tumors and their management Apply nursing process in providing care to patients with bone tumors	Bone tumours • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: o Bone tumors: Benign, malignant and metastatic o Different types of therapies for tumors	• Lecture cum discussion • Supervised clinical practice • Case presentation	• Long essay
VII	10	Describe various orthopaedic deformities and their management Apply nursing process in providing care to patients with	Deformities • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: o Scoliosis, kyphosis	• Lecture cum discussion • Scenario based learning • Supervised clinical practice	• Short essay

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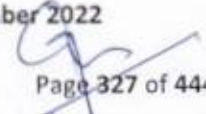

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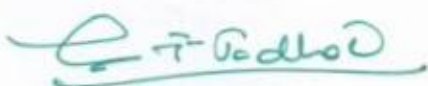

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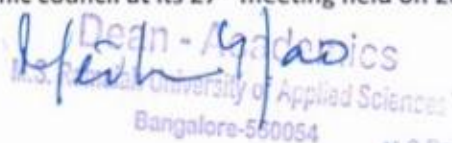
		orthopedic deformities	<p>and lordosis</p> <ul style="list-style-type: none"> ○ Congenital disorders: Congenital dislocation of hip (CDH), dislocation of patella and knee ○ Varus and valgus deformities ○ Deformities of digits ○ Congenital torticollis ○ Meningocele, meningomyelocele and spina bifida ○ Chromosomal disorders ○ Computer related deformities 		
VIII	5	<p>Describe various disorders of the spine and their management</p> <p>Apply nursing process in providing care to patients with deformities of the spine</p>	<p>Disorders of the spine</p> <ul style="list-style-type: none"> • Intervertebral disc prolapse and fracture of the spine • Low back disorder: Low back pain, peripheral nerve disorders(PND), spinal stenosis and spondylosis 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice • Case presentation 	<ul style="list-style-type: none"> • Short essay
IX	5	<p>Describe various metabolic, endocrine disorders and their management</p>	<p>Nutritional/metabolic and endocrine disorders</p> <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: <ul style="list-style-type: none"> ○ Rickets ○ Scurvy 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice • Case presentation 	<ul style="list-style-type: none"> • Short essay

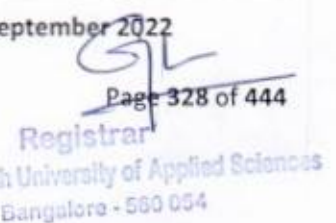
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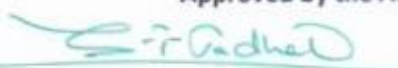

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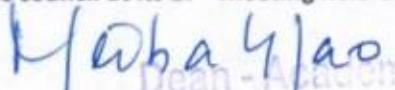
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			<ul style="list-style-type: none"> ○ Hypervitaminosis A and D ○ Osteomalacia ○ Osteoporosis ○ Paget's disease ○ Gout ○ Gigantism ○ Dwarfism ○ Acromegaly • Therapeutic diets for various orthopedic disorders 		
X	8	<p>Describe various neuromuscular disease conditions and their management</p> <p>Apply nursing process in providing care to patients with neuromuscular disorders</p>	<p>Neuromuscular disorders</p> <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: Medical, surgical and nursing management of: <ul style="list-style-type: none"> ○ Poliomyelitis, Cerebral Palsy ○ Myasthenia gravis ○ Spina bifida. ○ Peripheral nerve lesion, ○ Paraplegia, hemiplegia, and quadriplegia. ○ Muscular dystrophy 	<ul style="list-style-type: none"> • Lecture cum discussion • Case presentation • Supervised clinical practice 	<ul style="list-style-type: none"> • Long essay • Short essay
XI	8	<p>Describe various degenerative disease of joints and autoimmune disorders and its management</p>	<p>Chronic/degenerative diseases of joints and autoimmune disorders</p> <ul style="list-style-type: none"> • Causes, clinical types, pathophysiology, clinical features, diagnosis, prognosis and management: 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on degenerative diseases of the joints • Supervised clinical practice 	<ul style="list-style-type: none"> • Short essay • Seminar evaluation

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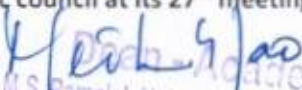
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		Apply nursing process in providing care to patients with degenerative diseases of joints	<p>Medical, surgical and nursing management of:</p> <ul style="list-style-type: none"> ○ Osteo arthritis ○ Rheumatoid arthritis ○ Ankylosing spondylitis. ○ Spinal disorders. ○ Systemic Lupus erythematosus 	<ul style="list-style-type: none"> • Case presentation 	
XII	5	Explain the management of orthopedic disorders in children	<p>Orthopedic disorders in children</p> <ul style="list-style-type: none"> • General and special consideration on pediatric orthopedics • Genetic disorders • Congenital anomalies • Growth disorders • Genetic counselling • Nurse's role in genetic counselling 	<ul style="list-style-type: none"> • Lecture cum discussion • Case scenario 	<ul style="list-style-type: none"> • Short essay
XIII	5	Explain the management of orthopedic disabilities in geriatric population	<p>Geriatric problems</p> <ul style="list-style-type: none"> • Geriatric population, types of disabilities, causes, treatment and Management – Hospitalization, rest, physiotherapy, involvement of family members, social opportunities. • Care at home : Involvement of family and community, follow up care and rehabilitation 	<ul style="list-style-type: none"> • Lecture cum discussion • Flipped class room 	<ul style="list-style-type: none"> • Long essay
XIV	6	Describe the various drugs used in orthopedic conditions and nurse's responsibility	<p>PHARMACOKINETICS</p> <ul style="list-style-type: none"> • Principles of drug administration • Analgesics and anti-inflammatory agents • Antibiotics and antiseptics • Drugs used in 	<ul style="list-style-type: none"> • Lecture cum discussion • Drug presentation 	<ul style="list-style-type: none"> • Short essay • Evaluation of drug presentation

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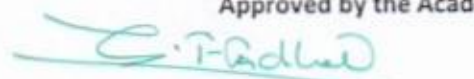

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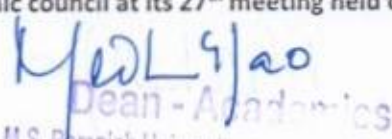
			<p>orthopedics and neuromuscular disorders</p> <ul style="list-style-type: none"> • Blood and blood components • Care of drugs and nurse's role 		
XV	30	Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation	<p>Nurses role in orthopedic conditions</p> <ul style="list-style-type: none"> • Gait analysis • Urodynamic studies • Prevention of physical deformities • Alteration of body temperature regulatory system and immune systems • Immobilization – cast, splints, braces and tractions • Prevention and care of problems related to immobility • Altered sleep patterns • Impaired communication • Self-care and activities of daily living • Bladder and bowel rehabilitation • Sensory function rehabilitation • Psychological reaction related to disabilities and disorders. • Coping of individual and family with disabilities and disorders • Maintaining sexuality • Spirituality – A 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on joint replacement surgeries • Supervised clinical practice • Case presentation 	<ul style="list-style-type: none"> • Long Essay • Evaluation of seminar

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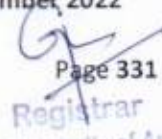


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			<p>rehabilitative prospective</p> <p>Orthopedic reconstructive surgeries</p> <ul style="list-style-type: none"> • Replacement surgeries – Hip, Knee, Shoulder • Spine surgeries • Grafts and flaps surgery • Deformity correction. <p>Physiotherapy</p> <ul style="list-style-type: none"> • Concepts, Principles, purpose, <ul style="list-style-type: none"> ○ Mobilization – Exercises: types, re-education in walking: Crutch walking, wheel chair and transfer techniques ○ Types of gaits: non-weight bearing, partial weight bearing, four-point crutch, tripod and walking with sticks and calipers ○ Forms of therapies: Hydrotherapy, electrotherapy, wax bath, heat therapy, ice, helio therapy and radiant heat, ○ Chest physiotherapy 		
XVI	8	Describe recent technologies and treatment modalities in the	<p>Rehabilitation</p> <ul style="list-style-type: none"> • Principles of rehabilitation, 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on orthopedic 	<ul style="list-style-type: none"> • Short essay • Evaluation of seminar

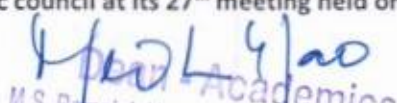
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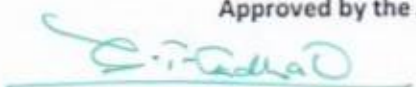

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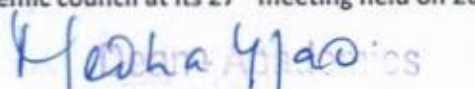
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		<p>management of patients with orthopedic conditions and those requiring rehabilitation.</p> <p>Integrate the concept of family centered, long term care and community-based rehabilitation to patients with orthopedic conditions.</p>	<p>definition, philosophy, process,</p> <ul style="list-style-type: none"> • Various types of therapies • Special therapies and alternative therapies • Rehabilitation counselling • Preventive and restorative measures. • Community based rehabilitation (CBR) • Challenges in rehabilitation. • Role of the nurse in rehabilitation, • Legal and ethical issues in rehabilitation nursing • Occupational therapy 	<p>rehabilitation</p>	
XVII	5	<p>Participate in national health programmes for rehabilitation of patients with orthopedic disability</p>	<p>National policies and programmes</p> <ul style="list-style-type: none"> • National programmes for rehabilitation of persons with disability - National Institutes, artificial limbs manufacturing Corporation, District Rehabilitation Centers and their schemes • Regional rehabilitation centers • Public policy in rehabilitation nursing • The persons with disabilities act • Mental rehabilitation and Multiple 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay • Short essay

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			<p>disabilities act</p> <ul style="list-style-type: none"> • The National Trust Rules • Rehabilitation Council of India • Legal and ethical aspects in orthopedic nursing • Rehabilitation health team and different categories of team members 		
XVIII	4	<p>Prepare a design and layout of orthopedic and rehabilitative units</p> <p>Teach orthopedic nursing to undergraduate students and in-service nurses</p>	<p>QUALITY ASSURANCE</p> <ul style="list-style-type: none"> • Standards, protocols, policies and procedures • Nursing audit • Staffing • Design of orthopedic, physiotherapy and rehabilitation unit 	<ul style="list-style-type: none"> • Lecture cum discussion • Assignment on layout of orthopedic and rehabilitative units 	<ul style="list-style-type: none"> • Short essay • Evaluation of assignment

PRACTICUM

1. Clinical practice in Orthopedic, physiotherapy and rehabilitation units
2. Application of tractions and plaster casts and removal of tractions and plaster casts and other appliances
3. Apply Theories and Nursing Process in the management of patients with orthopedic conditions
4. Provide various types of physical and rehabilitative therapies
5. Provide health education on related disease conditions
6. Unit management and plan – designing

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Total = 960hrs

1 Week = 30 Hours

Sl. No.	Dept./Unit	No. of Week	Total Hours
1	Orthopedic ward	8	240 Hours
2	Othopedic Operation Theatre	4	120 Hours
3	Neurosurgical ward	2	60 Hours
4	Orthopedic OPD	4	120 Hours
5	Casualty/ Emergency and Trauma	4	120 Hours
6	Rehabilitation Unit	2	60 Hours
7	Physiotherapy Unit	4	120 Hours
8	Paediatric/ Paediatric Surgery Unit	2	60 Hours
9	Field Visit	2	60 Hours
	Total	32 Weeks	960 Hours

1. Procedures Observed

- X Ray
- Ultrasound
- MRI
- C T Scan/bone scan
- Arthroscopy
- Electrothermally – assisted capsule shift or ETAC (Thermal capsulorrhaphy)
- Fluroscopy
- Electromyography
- Myelography
- Discography

2. Procedures Assisted

- Ventilation
- Various types of tractions
- Orthopedic surgeries – Arthrocentesis, arthroscopy, bone lengthening, arthrodesis, grafting, fractures fixation, reconstructive, reimplantation, replantation, spinaldecompression, transplantation of bone, muscle or articular cartilage, autografting and allografting.
- Injection – Intra articular and intra osseous.
- Advance Life Support

3. Procedures Performed

- Interpretation of X ray films
- Application and removal of splints, casts, and braces
- Care of tractions – skin and skeletal traction, pin site care
- Cold therapy
- Heat therapy

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- Hydrotherapy
- Therapeutic exercises
- Use of TENS (Transcutaneous electrical nerve stimulation)
- Techniques of transportation
- Crutch walking, walkers, wheel chair
- Use of devices for activities of daily living and prevention of deformities
- Administration of drugs: IV injection, IV cannulation, and Blood transfusion
- Procedures for prevention of infections: disinfection and sterilization, surveillance, fumigation
- Special skin/ part preparations for orthopedic surgeries
- Surgical dressings – Debridement
- Bladder and bowel training

REFERENCE BOOKS

- 1) Lewis, Bucher, Heitkemper, Harding, Kwong, Roberts. Medical-surgical Nursing: Assessment and management of clinical problems. 3rd ed. Elsevier India Publications; 2018.
- 2) Hinkle LJ, Cheever HK, Overbaugh K. Textbook of Medical Surgical Nursing. 15th ed. Philadelphia: Wolters Kluwer Health; 2020.
- 3) Roaf R, Hodgkinson LJ. Textbook of orthopedic nursing. 3rd ed. Blackwell scientific Publication; 2018.
- 4) Black J, Jane H. Textbook of medical–surgical nursing: clinical management for positive outcomes. 8th ed. New Delhi: Elsevier; 2020.
- 5) Clarke S, Tomlinson JS. Orthopedic and trauma nursing: An evidence-based approach to musculoskeletal care. 1st ed. Wiley Blackwell publication; 2014.


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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcome (POs)			Programme specific Outcomes (PSOs)					
		PO1	PSO1	PSO 2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING MNC616A	CO 1	3	3	2	2	1	2	3	3	3
	CO 2	2	3	3	3	3	2	1	2	2
	CO 3	2	2	3	3	3	3	2	3	3
	CO 4	2	3	2	3	3	2	3	2	3
	CO 5	3	1	2	3	2	3	2	3	3
	CO 6	3	3	3	3	3	2	3	3	2
	CO 7	3	2	3	3	3	3	2	3	2
	CO 8	3	2	2	3	2	3	3	3	3
	CO 9	3	3	3	3	2	3	3	3	2
	CO 10	2	2	2	2	3	1	2	3	1
	CO 11	3	2	2	2	1	2	2	2	1
	CO 12	3	2	2	2	2	2	2	3	3
	CO 13	2	2	2	2	2	2	3	3	2
	CO 14	3	3	2	3	2	3	3	3	3
	CO 15	3	1	3	3	3	3	3	3	2
	CO 16	2	3	2	2	3	2	3	2	3
	CO 17	3	2	3	3	2	2			

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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S. Radha

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CLINICAL SPECIALITY-II

MEDICAL SURGICAL NURSING - GASTROENTEROLOGY NURSING

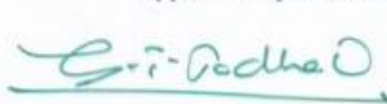
Course Specifications

Course Title	CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - GASTROENTEROLOGY NURSING
Course Code	MNC616A
Course Type	Combination course
Department	MEDICAL SURGICAL NURSING
Faculty	Nursing

SUBJECT: MEDICAL SURGICAL NURSING -GASTROENTEROLOGY NURSING

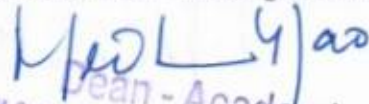
Co-1	appreciate trends and issues related to gastroenterology nursing.
Co-2	describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions.
Co-3	participate in national health programs for health promotion, prevention and rehabilitation of patients with gastrointestinal conditions.
Co-4	perform physical, psychosocial and spiritual assessment.
Co-5	assist in various diagnostic, therapeutic and surgical procedures.
Co-6	provide comprehensive care to patients with gastrointestinal conditions.
Co-7	describe the various drugs used in gastrointestinal conditions and nurse's responsibility.
Co-8	demonstrate skill in handling various equipment's used for patients with gastrointestinal conditions.
Co-9	appreciate team work and coordinate activities related to patient care.
Co-10	practice infection control measures.
Co-11	identify emergencies and complications and take appropriate measures.
Co-12	assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.
Co-13	discuss the legal and ethical issues in gastroenterology nursing.
Co-14	identify the sources of stress and manage burnout syndrome among health care providers.
Co-15	appreciate the role of alternative system of medicine in care of patient.
Co-16	incorporate evidence-based nursing practice and identify the areas of research in the field of gastrointestinal nursing.

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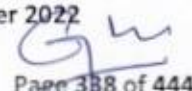


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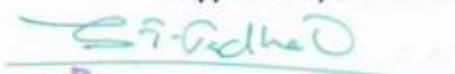
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Co-17	teach and supervise nurses and allied health workers.
Co-18	design a layout of Gastroenterology Intensive Care Unit (GEICU) and liver care/transplant unit

COURSE OUTLINE

Unit	Time (hrs.)	Learning Outcomes	Content	Teaching /Learning Activities	Assessment Methods
I	5	Appreciate trends and issues related to gastroenterology nursing Explain the concepts of gastroenterology nursing	Introduction <ul style="list-style-type: none"> Historical development: trends and issues in the field of gastro enterology Gastroenterological problems Concepts, principles and nursing perspectives Ethical and legal issues Evidence based nursing and its application in gastrointestinal nursing (to be incorporated in all the units) 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay
II	5	Describe the epidemiology and etiology of gastrointestinal conditions Participate in national health programmes for health promotion, prevention and rehabilitation of patients with gastrointestinal(G I) conditions	Epidemiology <ul style="list-style-type: none"> Risk factors associated with gastroenterology conditions: Hereditary, psychosocial factors, smoking, alcoholism, dietary habits, cultural and ethnic considerations Health promotion, disease prevention, life style modification and its implications to nursing National health programmes related to gastroenterology Alternate system of medicine/complementary therapies 	<ul style="list-style-type: none"> Lecture cum discussion Visit to alternative system of medicine centre 	<ul style="list-style-type: none"> Short essay
III	5	Explain the anatomy and physiology of gastrointestinal	Review of anatomy and physiology of gastrointestinal system	<ul style="list-style-type: none"> Lecture cum discussion Seminar on anatomy and 	<ul style="list-style-type: none"> Evaluation of seminar

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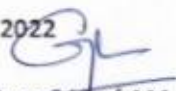
		system	<ul style="list-style-type: none"> Gastrointestinal system Liver, biliary and pancreas Gerontologic considerations Embryology of GI system Immunology specific to GI system 	physiology of GI system	
IV	15	<p>Perform physical, psychosocial and spiritual assessment in patient with gastrointestinal disorders</p> <p>Assist in diagnostic procedures</p>	<p>Assessment and diagnostic measures</p> <ul style="list-style-type: none"> History taking Physical assessment and psychosocial assessment Diagnostic tests <ul style="list-style-type: none"> Radiological studies: Upper GIT- barium swallow and Lower GIT Barium enema Ultra sound Computed tomography MRI Cholangiography: Percutaneous trans-hepatic cholangiogram (PTC) Magnetic Resonance cholangio Pancreatography (MRCP) Nuclear imaging scans (scintigraphy) Endoscopy Colonoscopy Proctosigmoidoscopy Endoscopic Retrograde Cholangio-Pancreatography (ERCP) Endoscopic ultrasound Peritoneoscopy (Laparoscopy) 	<ul style="list-style-type: none"> Lecture Demonstration of Gastrointestinal assessment Discussion on Interpretation of laboratory findings Seminar on nurses responsibility in diagnostic tests used in GI disorders 	<ul style="list-style-type: none"> Short essay Return demonstration Assessment of skill with checklist Evaluation of seminar

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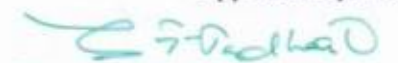

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			<ul style="list-style-type: none"> ○ Gastric emptying studies ○ Blood chemistries: Serum amylase and serum lipase ○ Liver biopsy ○ Miscellaneous tests: Gastric analysis and fecal analysis ○ Liver function tests: Bile formation and excretion, dye excretion test, protein metabolism, hemostatic functions- prothrombin vitamin K production, serum enzyme tests, Lipid metabolism and serum cholesterol ○ Interpretation of diagnostic measures ○ Nurse's role in diagnostic tests 		
V	25	<p>Describe the etiology, pathophysiology, clinical manifestations, diagnosis, prognosis, medical and surgical management of gastrointestinal disorders</p> <p>Provide comprehensive nursing care to the patient with gastrointestinal disorders</p>	<p>Gastrointestinal disorders and nursing management</p> <ul style="list-style-type: none"> • Etiology, related pathophysiology, clinical manifestations, diagnosis, prognosis, medical, surgical and nursing management of • Disorders of the mouth: Dental caries, periodontal disease, acute tooth infection, stomatitis, thrush (moniliasis), gingivitis, leukoplakia, inflammation of the parotid gland, obstruction to the flow of saliva and fracture of the jaw • Disorders of the oesophagus: Reflux oesophagitis, oesophageal achalasia, oesophageal varices, hiatus hernia and diverticulum 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on management of disorders of the mouth and esophagus • Case vignette • Demonstration on ostomy care • Supervised clinical practice • Case presentation 	<ul style="list-style-type: none"> • Long essay • Short essay • Seminar evaluation • OSCE

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			<ul style="list-style-type: none"> • Disorders of the stomach and duodenum: Gastritis, peptic ulcer, dumping of the stomach, food poisoning, idiopathic gastroparesis, aerophagia and belching syndrome, idiopathic cyclic nausea and vomiting, rumination syndrome, functional dyspepsia, and chronic nonspecific (functional) abdominal pain • Disorders of the small intestine <ul style="list-style-type: none"> ○ Malabsorption syndrome – tropical sprue ○ Gluten – sensitive enteropathy (Coeliac disease) ○ Inflammatory diseases of intestines and abdomen, appendicitis, peritonitis, Intestinal obstruction, abdominal TB and gastrointestinal polyposis syndrome ○ Chronic inflammatory bowel disease, ulcerative colitis and crohn's disease ○ Infestations and infections – Worm infestations, typhoid and leptospirosis ○ Solitary rectal ulcer syndrome ○ Alteration in bowel elimination: Diarrhoea, constipation, fecal impaction, fecal incontinence, irritable bowel syndrome, chronic idiopathic constipation and functional diarrhea • Anorectal Conditions: Hemorrhoids, anal fissure, anal fistula, abscess, 		
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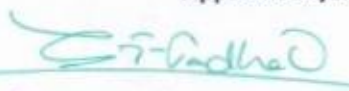

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Programme structure and course details of M.Sc. Nursing-2022

			strictures, rectal prolapse, pruritis ani, pilonidal disease, anal condylomas and warts		
VI	15	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnosis, prognosis, medical and surgical management of liver, pancreas, gall bladder, bile duct, peritoneum and diaphragm disorders</p> <p>Provide comprehensive nursing care to the patient with disorders of liver, pancreas, gall bladder, bile duct, peritoneum and diaphragm</p>	<p>Disorder of liver, pancreas gall bladder and nursing management</p> <ul style="list-style-type: none"> • Disorders of liver, biliary tract: <ul style="list-style-type: none"> ○ Viral Hepatitis – A, B, C, D and E ○ Toxic hepatitis ○ Cirrhosis of liver, liver failure and liver transplantation ○ Non-cirrhotic portal fibrosis ○ Liver abscess ○ Parasitic and other cysts of the liver • Disorders of the Gall Bladder and Bile Duct: <ul style="list-style-type: none"> ○ Cholecystitis ○ Cholelithiasis ○ Choledocholithiasis • Disorders of the pancreas: <ul style="list-style-type: none"> ○ Pancreatitis ○ Benign tumors of islet cells • Disorders of the Peritoneum <ul style="list-style-type: none"> ○ Infections of the peritoneum ○ Surgical peritonitis ○ Spontaneous bacterial peritonitis ○ Tuberculosis peritonitis • Disorders of the Diaphragm <ul style="list-style-type: none"> ○ Diaphragmatic hernia ○ Congenital hernias ○ Paralysis of diaphragm ○ Tumors of the diaphragm 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar on disorders of the gall bladder and pancreas • Supervised clinical practice • Case presentation 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of seminar

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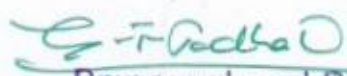

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> • Hiccups 		
VII	15	Identify gastrointestinal emergencies, complications and take appropriate measures	<p>Gastrointestinal emergencies and nursing interventions</p> <ul style="list-style-type: none"> • Etiology, related pathophysiology, clinical manifestations, diagnosis, prognosis, medical, surgical and nursing management of: <ul style="list-style-type: none"> ○ Esophageal varices ○ Ulcer perforation ○ Acute cholecystitis ○ Diverticulitis ○ Fulminant hepatic failure ○ Biliary obstruction ○ Bowel obstruction ○ Gastroenteritis ○ Intussusception ○ Acute intestinal obstruction and perforation ○ Acute pancreatitis ○ Cirrhosis of liver complications ○ Liver, spleen, stomach, pancreatic, mesenteric, bowel and greater vessel injuries ○ Acute appendicitis /peritonitis ○ Acute abdomen ○ Food poisoning 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration of emergency assessment • Supervised clinical practice • Case presentation 	<ul style="list-style-type: none"> • Long essay • Assessment of skill with checklist
VIII	15	Explain the etiology, pathophysiology clinical manifestations, diagnosis, prognosis,	<ul style="list-style-type: none"> • Congenital anomalies of esophagus <ul style="list-style-type: none"> ○ Esophageal atresia ○ Tracheo-esophageal fistula 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice • Case 	<ul style="list-style-type: none"> • Short essay

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Programme structure and course details of M.Sc. Nursing-2022

		medical, surgical and nursing management of congenital anomalies of esophagus, stomach and duodenum	<ul style="list-style-type: none"> ○ Esophageal stenosis ○ Esophageal duplications ○ Dysphagia Lusoria – aberrant right subclavian artery compressing esophagus ○ Esophageal rings – schatzki ring ○ Esophageal webs • Congenital anomalies of stomach <ul style="list-style-type: none"> ○ Gastric atresia ○ Microgastria ○ Gastric diverticulum ○ Gastric duplication ○ Gastric teratoma ○ Gastric volvulus ○ Infantile hypertrophic pyloric stenosis ○ Adult hypertrophic pyloric stenosis • Congenital anomalies of duodenum <ul style="list-style-type: none"> ○ Duodenal atresia or stenosis ○ Annular pancreas ○ Duodenal duplication cysts ○ Malrotation and mid gut volvulus • Developmental anomalies of the intestine <ul style="list-style-type: none"> ○ Abdominal wall defects (omphalocele and Gastroschisis) ○ Meckel's diverticulum ○ Intestinal atresia ○ Hirschsprung's disease 	presentation	
IX	15	Describe the various drugs used in the	PHARMACOKINETICS: <ul style="list-style-type: none"> • Drugs used in GIT 	<ul style="list-style-type: none"> • Lecture cum discussion • Drug 	<ul style="list-style-type: none"> • Short essay • Evaluation

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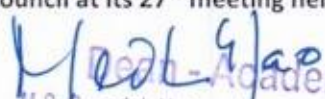
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Programme structure and course details of M.Sc. Nursing-2022

		management gastrointestinal disorders and nurse's responsibility	<ul style="list-style-type: none"> Principles of administration Roles and responsibilities of nurses Drugs in peptic ulcer disease Proton pump inhibitors H₂ receptor antagonists Cytoprotective agents Drugs used in diarrhea Drugs used in constipation Drugs used in Inflammatory Bowel Disease Amino-salicylates Corticosteroids Immunomodulators chemotherapy Antibiotics Antiemetics Anticholinergics Antihistamines Anthelmintics Vitamin supplements 	presentation	of drug presentation
X	10	Demonstrate skill in nutritional assessment in problems related to gastrointestinal system	Nutrition and nutritional problems related to gastrointestinal system <ul style="list-style-type: none"> Nutritional assessment and nursing interventions Therapeutic diets Adverse reactions between drugs and various foods Malnutrition: Etiology, clinical manifestations and management Tube feeding, parenteral nutrition and total parenteral nutrition Obesity: Etiology, clinical manifestations and management Eating disorders: Anorexia nervosa and bulimia nervosa Recent advances in nutrition 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on nutritional assessment 	<ul style="list-style-type: none"> Short essay Return demonstration
XI	5	Explain the etiology,	Malignant disorders of gastrointestinal system	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay

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Programme structure and course details of M.Sc. Nursing-2022

		pathophysiology, clinical manifestations, diagnosis, prognosis, medical, surgical and nursing management of malignant disorders of the gastrointestinal system	<ul style="list-style-type: none"> Etiology, related pathophysiology, clinical manifestations, diagnosis, prognosis, medical, surgical and nursing management of: <ul style="list-style-type: none"> Malignancy of oral cavity, lip, tongue, buccal mucosa, oropharynx and salivary gland Esophageal, gastric, carcinoma of bowel - small bowel, colorectal and anal carcinoma Liver, biliary tract and pancreatic carcinoma 	<ul style="list-style-type: none"> Seminar on treatment modalities of malignant disorders of the GI system Supervised clinical practice Case presentation 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
XII	5	Explain the administration and management of gastroenterology unit	Administration and management of gastroenterology unit <ul style="list-style-type: none"> Design and layout Staffing Equipment and supplies Infection control; Standard safety measures Quality Assurance: Nursing audit –records /reports, norms, policies and protocols Practice standards 	<ul style="list-style-type: none"> Lecture cum discussion Seminar on infection control measures in GI unit 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
XIII	5	Teach and supervise staff nurses	Education and training in gastroenterology care <ul style="list-style-type: none"> Staff orientation, training and development In-service education program Clinical teaching programs 	<ul style="list-style-type: none"> Lecture cum discussion Planning of in-service education program for staff nurses 	<ul style="list-style-type: none"> Short essay Evaluation of in-service education program

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Meetha Y Rao
Dean - Academics

GK

S. Radhe
Principal and Dean

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Programme structure and course details of M.Sc. Nursing-2022

PRACTICUM

Total = 960 hrs
1 Week = 30 hrs

Sl. No.	Dept./Unit	No. of Week	Total Hours
1	Diagnostic labs	2	60 Hours
2	Emergency and casualty	3	90 Hours
3	Liver transplant unit	1	30 Hours
4	GE Medical Ward	6	180 Hours
5	GE Surgical Ward	8	240 Hours
6	OT	2	60 Hours
7	ICU	4	120 Hours
8	Pediatric gastroenterology	2	60 Hours
9	Oncology	2	60 Hours
10	GE OPD	2	60 Hours
	Total	32 Weeks	960 Hours

1. Procedures Assisted

- Endoscopy room – Upper G.I. Endoscopy (Diagnostic and therapeutic).
- Sigmoidoscopy
- Colonoscopy
- Polypectomy
- Endoscopic retrograde cholangio pancreatography (ERCP)
- Liver biopsy
- Percutaneous catheter drainage (PCD) of Pseudocyst pancreas
- Abdominal paracentesis
- Percutaneous aspiration of liver abscess
- GE Lab: PT, HbsAg, Markers – A, B, C virus, CBP, ESR and stool test

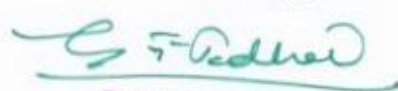
2. Procedures Performed

- History and Physical assessment
- RT intubation / extubation / aspiration/suction
- Gastric lavage and gavage
- Bowel wash
- Therapeutic Diets
- Stoma care
- Monitoring vital parameters
- Plan of in-service education programme for nursing staff and class-IV employees
- Counselling

REFERENCE BOOKS

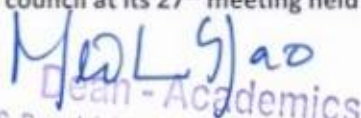
1. Black J, Hawks JH. Textbook of Medical Surgical Nursing: Clinical Management for Positive Outcomes. 8th ed. New Delhi: Elsevier; 2020.
2. Hinkle LJ, Cheever HK, Overbaugh K. Textbook of Medical Surgical Nursing. 15th ed. Philadelphia: Wolters Kluwer Health; 2020.
3. Lewis. Textbook of Medical Surgical Nursing: Assessment and Management of Clinical Problems .4th ed. New Delhi: Elseveir; 2022.
4. Willis L. Textbook of Medical Surgical Nursing: 6th ed. J. B. Lippincott & Co; 2018

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Programme structure and course details of M.Sc. Nursing-2022

5. SGNA. Gastroenterology Nursing: A Core Curriculum: 6th ed. Society of Gastroenterology Nurses & Associates;2019.

Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)							
			PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CLINICAL SPECIALITY-II MEDICALSURGICAL NURSING - GASTROENTEROLOGY NURSING MNC617A	CO 1	3	3	2	2	1	3	2	3	2
	CO 2	3	3	2	3	2	3	2	2	3
	CO 3	3	2	2	3	2	2	2	3	3
	CO 4	2	2	2	3	2	2	2	3	3
	CO 5	3	2	2	3	2	3	2	2	2
	CO 6	2	1	2	3	2	3	2	2	2
	CO 7	3	2	3	3	2	2	3	3	3
	CO 8	3	2	3	3	3	2	2	1	2
	CO 9	3	2	3	3	3	3	3	3	3
	CO 10	3	2	3	3	3	3	3	3	3
	CO 11	3	3	3	3	3	3	2	3	3
	CO 12	3	2	2	3	2	2	2	3	2
	CO 13	3	2	2	3	2	2	2	3	3
	CO 14	3	3	2	3	2	3	2	3	2
	CO 15	3	2	2	3	2	2	3	3	3
	CO 16	3	3	2	3	2	2	2	2	3
	CO 17	3	3	3	3	3	3	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

MEDICAL SURGICAL NURSING

DRUG PRESENTATION EVALUATION PROFORMA

Topic :

Date :

Presented by :

Time :

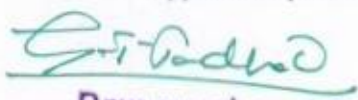
Ward :

Sl. No.	Criteria for Nursing Process	Marks Allotted	Marks obtained
1	Name of the drug – Trade Name, Generic Name	2	
2	Classification	2	
3	Mechanism of Action and Pharmacokinetics	3	
4	Dosage (Adults and Children)	2	
5	Route of Administration	2	
6	Indications and Contraindication	4	
7	Adverse reactions/ Side effects	3	
8	Nursing implication	5	
9	Bibliography	2	
	Total	25	

COMMENTS:

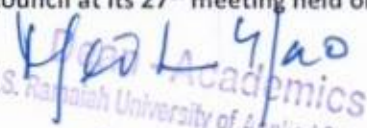
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : MEDICAL SURGICAL NURSING

CASE STUDY EVALUATION FORMAT

Name of the Student :

Clinical Diagnosis :

Placement :

Date and Time :

Ward :

Sl. No.	Criteria	Excellent	Very good	Average	Poor	Very poor
		5	4	3	2	1
1	History collection					
2	Physical examination & Review system					
3	Investigation and treatment					
4	Sequence and adequacy of content					
5	Nursing care plan					
a	Identifying and prioritizing the patient needs and framing of nursing diagnosis					
b	Planning and implementation of care					
c	Evaluation of care given					
6	Health Education					
7	Summary and conclusion					
8	Bibliography					
	Total -50					

COMMENTS:

Medha Y Rao
Dean - Academics

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S. S. Reddy
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT : MEDICAL SURGICAL NURSING

CASE STUDY WITH PRESENTATION EVALUATION FORMAT

Name of the Student :

Clinical Diagnosis :

Placement :

Date and Time :

Ward :

Sl. No.	Criteria	Excellent	Very good	Average	Poor	Very poor
		5	4	3	2	1
1	History collection					
2	Physical examination & Review system					
3	Sequence and adequacy of content					
4	Clarity of Presentation					
5	A.V.Aids used					
6	Nursing Care plan					
7	Entertaining discussion and Completeness of the topic					
8	Personal and Professional behaviour					
9	Summary & conclusion					
10	Bibliography					
	Total -50					

COMMENTS:

M. S. Ramaiah

Dean - Academics

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G. S.

E. T. Reddy
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BANGALORE – 54

SUBJECT : MEDICAL SURGICAL NURSING

CARE PLAN EVALUATION FORMAT

Name of the Student :

Clinical Diagnosis :

Placement :

Date & Time :

Ward :

Sl. No.	Criteria	Excellent	Very good	Average	Poor	Very poor
		5	4	3	2	1
1	Assessment					
a	History taking					
b	Physical examination					
c	Investigation and treatment					
2	Nursing care plan					
a	Identifying and prioritizing the patient needs					
b	Framing of Nursing diagnosis					
c	Planning and implementation of care					
d	Evaluation of care given					
e	Health education					
3	Summary and conclusion					
4	Bibliography					
	Total - 50					

COMMENTS:

Moolyao

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Sri Radha
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54

SUBJECT : MEDICAL SURGICAL NURSING
EVALUATION OF PRACTICE TEACHING

Name :
Placement :
Topic :

Date :
Time :
Group :

Sl. No.	Points to evaluate	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	Introduction • Motivating and interesting					
2	Content • Organization • Adequate • Relevant • Sequence and logical order					
3	Presentation • Confidence • Voice (Audible and modulation) • Clarity • Mastery of subject • Management of class • Students participation • Time management					
4	Lesson Plan • Preparation • Creativity and illustration • Questioning technique • Principals in using A.V.aids					
5	Summary and conclusion					
6	Evaluation of students • Assignment - Appropriate - Relevant and creative					
7	Bibliography					

COMMENTS:

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BANGALORE – 54

SUBJECT: MEDICAL SURGICAL NURSING

CLINICAL DEMONSTRATION EVALUATION FORM

Name of the Student : Student Group :

Placement : Date :

Procedure :

Sl. No.	Criteria	0	1	2
A	DEMONSTRATION OF PROCEDURES			
1	Preparation of the Unit and Patient			
2	Organization of Articles in Bedside			
3	Adequacy of planning			
4	Dexterity in Handling Articles			
5	Follows Scientific Principles			
6	Involvement of students in procedures			
7	Skills in demonstration			
8	Adequate Information and Clarification of Doubts			
9	Neatness in completion of work			
10	Recording and Replacement of Articles			
Total				

COMMENTS:

M. S. Ramaiah

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S. Radhakrishnan

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BANGALORE – 54
SUBJECT : MEDICAL SURGICAL NURSING
ASSIGNMENT EVALUATION FORMAT

Name of the Student :
Placement :

Date of submission:
Topic :

Sl. No.	Criteria	Marks Allotted	Marks Obtained
1	Introduction	1	
2	Sequence and logical order of content	2	
3	Comprehensiveness	5	
4	Relevance	3	
5	Creativity and illustration	6	
6	Research support	2	
7	Neatness	2	
8	Time of Submission	2	
9	Reference	2	
	Total	25	

COMMENTS:

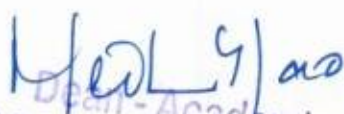
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

SUBJECT :MEDICAL SURGICAL NURSING

SEMINAR EVALUATION FORMAT

Name of the Student:

Date :

Placement:

Time :

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	INTRODUCTION: a. Appropriate & Interesting					
2	CONTENT: a. Relevant b. Adequate c. Organization d. Recent advancement					
3	PRESENTATION: a. Voice audible b. Clarity c. Modulation d. Confidence e. Mastery of subject f. Management of class g. Student participation					
4	A.V.AIDS: a. Selection b. Preparation c. Principles d. Proper usage					
5	Summary & Conclusion					
6	BIBLIOGRAPHY: a. Books b. Journals c. Research studies					
	TOTAL					

COMMENTS:

Madhya

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E. Redha

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

MEDICAL SURGICAL NURSING

DRUG PRESENTATION EVALUATION PROFORMA

Topic :

Date :

Presented by :

Time :

Ward :

Sl. No.	Criteria for Nursing Process	Marks Allotted	Marks obtained
1	Name of the drug – Trade Name, Generic Name	2	
2	Classification	2	
3	Mechanism of Action and Pharmacokinetics	3	
4	Dosage (Adults and Children)	2	
5	Route of Administration	2	
6	Indications and Contraindication	4	
7	Adverse reactions/ Side effects	3	
8	Nursing implication	5	
9	Bibliography	2	
	Total	25	

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Obstetric and Gynaecological Nursing-II

Course Specifications

Course Title	Obstetric and Gynaecological Nursing
Course Code	MNC621A
Course Type	Combination course
Department	OBG nursing
Faculty	Nursing

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

Placement: I Year Hours of Instruction

Theory : 150 hrs

Practical:150 hrs

Total : 300 hrs Course Mapping (CO-PO-PSO Mapping)

Course Outcomes:

On completion of the course, the students will be able to

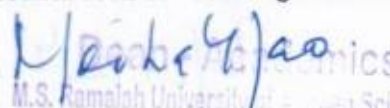
SUBJECT: OBSTETRIC AND GYNAECOLOGICAL NURSING

Co-1	describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions.
Co-2	demonstrate competence in assessment of women with obstetric and gynecological conditions and identify deviations from normal.
Co-3	demonstrate competence in caring for women with obstetrical and gynecological 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	describe the assessment and management of women with HIV / AIDS.
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 equipment's/gadgets used for obstetrical, gynecological and neonatal care.
Co-9	practice infection control measures.
Co-10	describe the role of nurse in administering and managing OBG units.
Co-11	teach and supervise nurses and allied health workers.
Co-12	apply standards of obstetrical and gynecological nursing practice in nursing care.
Co-13	develop skill in counselling high risk women and her families.
Co-14	incorporate evidence-based nursing practice and identify the areas of research in the field of obstetrical and gynecological nursing.
Co-15	function as independent nurse midwifery practitioner.

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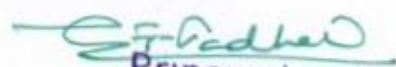

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COURSE OUTLINE


Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
1	25	Describe the assessment and management of women with obstetrical complications	<p>Management of problems of women during pregnancy</p> <ul style="list-style-type: none"> • Risk approach of obstetrical nursing care, concept and goals • Screening of high-risk pregnancy and newer modalities of diagnosis • Birth preparedness and complication readiness • Nursing Management of Pregnancies at risk-due to obstetrical complication <ul style="list-style-type: none"> ○ Pernicious Vomiting ○ Bleeding in early pregnancy, Abortion, ectopic pregnancy and gestational trophoblastic diseases ○ Haemorrhage during late pregnancy, antepartum haemorrhage, placenta praevia and abruptio placentae ○ Hypertensive disorders in pregnancy, pre-eclampsia, eclampsia, Haemolysis Elevated Liver Enzyme, Low Platelet count (HELLP) ○ Iso-immune diseases, Rh and ABO incompatibility ○ Hematological problems in pregnancy ○ Hydramnios and oligohydramnios ○ Prolonged pregnancy, post term and post maturity ○ Multiple pregnancies ○ Intrauterine infection and pain during pregnancy ○ Intrauterine Growth Retardation (IUGR), 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration of antenatal assessment • Videos • Case discussion/ presentation • Drug presentation • Assignment on preparation of nursing diagnosis for hypertensive disorders in pregnancy 	<ul style="list-style-type: none"> • Long essay • Short essay • Return-demonstration • Evaluation of assignment

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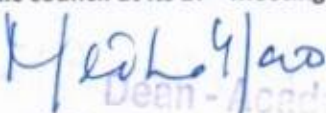

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Programme structure and course details of M.Sc. Nursing-2022

			Premature rupture of Membrane (PROM) and intrauterine death		
II	20	Describe the assessment and management of pregnant women with pre-existing health problems	<p>Pregnancies at risk-due to pre-existing health problems</p> <ul style="list-style-type: none"> • Metabolic conditions • Anemia and nutritional deficiencies • Hepatitis • Cardio-vascular disease • Thyroid diseases • Epilepsy • Essential hypertension • Chronic kidney disease • Tropical diseases • Psychiatric disorders • Infections: Toxoplasmosis, Rubella, Cytomegalo virus Herpes (TORCH), Reproductive Tract Infection (RTI); STD; HIV/AIDS, Vaginal infections, Leprosy and Tuberculosis • Other risk factors: Age-Adolescents, elderly; Unwed mothers, sexual abuse and substance use • Pregnancies complicating with tumors, uterine anomalies, prolapse and ovarian cyst 	<ul style="list-style-type: none"> • Lecture • Discussion • Case discussion / presentation • Drug presentation • Government of India (GOI) guidelines – screening for hypothyroidism, diagnosis and management of Gestational Diabetes Mellitus • Seminar on Infections in pregnancy 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of seminar
III	20	Demonstrate skill in assessment and management of abnormal labour	<p>Abnormal labour, pre-term labour and obstetrical emergencies</p> <ul style="list-style-type: none"> • Etiology, pathophysiology and nursing management of <ul style="list-style-type: none"> ○ Uncoordinated uterine actions, atony of uterus, precipitate labour and prolonged labour ○ Abnormal lie, presentation, position and compound presentation ○ Contracted pelvis-CPD; Dystocia 	<ul style="list-style-type: none"> • Lecture • Discussion • Case discussion/ presentation • Demonstration (mechanism of labour-breech and Occipito-posterior presentation) • Safe delivery app • SBA Module 	<ul style="list-style-type: none"> • Long essay • Short essay • Return-demonstration • Assessment of st with check list • OSCE

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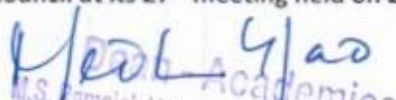
Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> ○ Obstetrical emergencies: Obstetrical shock, vasa praevia, Inversion of uterus, amniotic fluid embolism, rupture uterus, presentation and prolapse of cord ○ Augmentation of labour. Medical and surgical induction ○ Version ○ Manual removal of placenta ○ Obstetrical operation: Forceps delivery, ventouse, caesarean section and destructive operations ○ Genital tract injuries-Third degree perineal tear, VVF and RVF ● Complications of third stage of labour: <ul style="list-style-type: none"> ○ Post-partum haemorrhage ○ Retained placenta 	<ul style="list-style-type: none"> ● Drug presentation 	
IV	10	Describe the assessment, management and nursing care of women with postpartum complications	Postpartum complications <ul style="list-style-type: none"> ● Nursing management of <ul style="list-style-type: none"> ○ Puerperal infections, puerperal sepsis, urinary complications, puerperal venous thrombosis and pulmonary embolism ○ Subinvolution of uterus, Breast conditions and thrombophlebitis ○ Psychological complications, postpartum blues, depression and psychosis ● Lactation management ● Postnatal counselling ● Family planning counselling 	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Scenario based learning ● Simulated practice-management of PPH ● SBA Module ● Case discussion/presentation ● Drug presentation 	<ul style="list-style-type: none"> ● Long essay ● Short essay ● Assessment of skills with check list ● OSCE
V	25	Demonstrate competence in caring for high risk newborn.	High risk newborn <ul style="list-style-type: none"> ● Concept, goals, assessment, principles ● Nursing management of 	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Demonstration: Newborn assessment 	<ul style="list-style-type: none"> ● Long essay ● Short essay ● Return-demonstratio

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			<ul style="list-style-type: none"> ○ Pre-term, small for gestational age, post-mature infant, IUGR and baby of diabetic and substance use mothers ○ Respiratory conditions, asphyxia neonatorum, neonatal apnea, meconium aspiration syndrome, pneumothorax and pneumomediastinum ○ Icterus neonatorum ○ Birth injuries ○ Hypoxic Ischemic encephalopathy ○ Congenital anomalies ○ Neonatal seizures ○ Neonatal hypocalcaemia, hypoglycemia and hypomagnesaemia ○ Neonatal heart diseases ○ Neonatal hemolytic diseases ○ Neonatal infections, neonatal sepsis, ophthalmia neonatorum, congenital syphilis and HIV/AIDS ○ Hematological conditions: Erythroblastosis fetalis, hemorrhagic disorder in the newborn ○ Neonatal feeding ○ Infection control ○ Advanced neonatal procedures ○ Calculation of fluid requirements ○ Neonatal medication administration ○ Neonatal resuscitation ● Organization of neonatal care, services (Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU 	<p>and care</p> <ul style="list-style-type: none"> ● Scenario based learning ● Workshop on basic neonatal resuscitation ● Case discussion/ presentation ● Assignment on organization of neonatal care services 	<p>n</p> <ul style="list-style-type: none"> ● Assessment of skills with check list ● OSCE ● Evaluation of assignment
VI	15	Describe the assessment and management of women with HIV / AIDS.	<p>HIV/AIDS</p> <ul style="list-style-type: none"> ● HIV positive mother and her baby ● Epidemiology ● Screening ● Parent to child transmission (PTCT) 	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Case discussion/ presentation ● Drug presentation ● Assignment on current 	<ul style="list-style-type: none"> ● Long essay ● Short essay ● Evaluation of assignment

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G. S. Srinivas

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			<ul style="list-style-type: none"> • Prophylaxis for mother and baby • Standard safety measures • Counselling • Breast feeding issues • National policies and guidelines • Issues: Legal, ethical, psychosocial and rehabilitation • Role of nurse 	guidelines for management of HIV positive mother and her baby	
VII	25	Describe the assessment and management of women with gynecological disorders.	Gynecological problems and nursing management <ul style="list-style-type: none"> • Gynecological assessment • Gynecological procedures • Etiology, pathophysiology, diagnosis and nursing management of <ul style="list-style-type: none"> ○ Menstrual irregularities ○ Diseases of genital tract ○ Genital tract infections ○ Uterine displacement ○ Genital prolapse ○ Genital injuries ○ Uterine malformation ○ Uterine fibroid, ovarian tumors, breast carcinoma, pelvic inflammatory diseases, reproductive tract malignancies Hysterectomy – vaginal and abdominal ○ Genital tract Injuries-Third degree perineal tear, vesico-vaginal fistula and recto-vaginal fistula ○ Sexual abuse, rape, trauma and assault 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Case discussion/ presentation • Drug presentation • Seminar on Uterine malformation 	<ul style="list-style-type: none"> • Long essay • Short essay • Return demonstration • Evaluation of seminar
VIII	5	Describe the role of nurse in administering and managing OBG units	Administration and management of obstetrical and gynaecological unit <ul style="list-style-type: none"> • Design and layout • Staffing • Equipment and supplies • Infection control; Standard safety measures 	<ul style="list-style-type: none"> • Lecture • Discussion • Seminar on Standard safety measures • Preparation of floor plan of OBG units 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of assignment

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> Quality assurance: -Obstetric auditing –records /reports, norms, policies and protocols Practice standards for obstetrical and gynaecological unit 		
IX	5	Teach and supervise nurses and allied health workers	Education and training in obstetrical and gynecological care <ul style="list-style-type: none"> Staff orientation, training and development In-service education program Clinical teaching programs 	<ul style="list-style-type: none"> Lecture Discussion Plan and organize training programme for nurses in OBG unit 	<ul style="list-style-type: none"> Long essay Short essay Evaluation of training programme

PRACTICUM

Total = 960 hrs

1 Week = 30 hrs

Sl. No.	Dept./ Unit	No. of Week	Total Hours
1	Antenatal OPD including Infertility clinics/Reproductive medicine, Family welfare and postpartum clinic / PTCT	6	180 Hours
2	Antenatal and Postnatal ward	6	180 Hours
3	Labour room	4	120 Hours
4	Neonatal Intensive Care Unit	3	90 Hours
5	Obstetric/Gynae Operation Theatre	3	90 Hours
6	Gynae Ward	4	120 Hours
7	CHC, PHC, SC	6	180 Hours
	Total	32 Weeks	960 Hours

ESSENTIAL OBSTETRICAL AND GYNECOLOGICAL SKILLS

1. Procedure Observed

- Assisted Reproductive Technology procedures
- Ultra-sonography
- Specific laboratory tests
- Amniocentesis
- Cervical and vaginal cytology
- Fetoscopy

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- Hysteroscopy
- MRI
- Surgical diathermy
- Cryosurgery

2. Procedures Assisted

- Operative delivery
- Abnormal Deliveries-Forceps application, Ventouse and Breech
- Exchange blood transfusion
- Culdoscopy
- Cystoscopy
- Tuboscopy
- Laparoscopy
- Endometrial Biopsy
- Tubal patent test
- Chemotherapy
- Radiation therapy
- Medical Termination of Pregnancy
- Dilatation and Curettage

3. Procedures Performed

- History taking
- Physical Examination-General
- Antenatal assessment: 20
- Pelvic examination
- Assessment of risk status
- Assessment of Intra uterine fetal well-being. Kick chart and fetal movement chart, Doppler assessment, Non-Stress Test and Contraction stress test (Oxytocin challenge test)
- Universal precautions- Disposal of biomedical waste
- Per-Vaginal examination and interpretation (early pregnancy, labour, postpartum)
- 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, Lovset's maneuver
- Repair of tears and Episiotomy suturing
- Vacuum extraction
- Controlled cord traction, Manual removal of placenta and placental examination
- Manual vacuum aspiration
- Postnatal assessment: 20
- Management of breast engorgement
- Thrombophlebitis (white leg)
- Postnatal counselling
- Reposition of inversion of uterus



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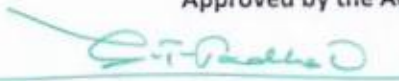
- Laboratory tests: Blood- Hb, Sugar, Urine-albumin and sugar
- Breast care, breast exam, and drainage breast abscess
- Postnatal exercise
- Assessment –New-born assessment; physical and neurological, APGAR score, high-risk new-born, Monitoring neonates; clinically and with monitors, Capillary refill time, Assessment of jaundice and danger signs
- Anthropometric measurement
- Neonatal resuscitation
- Gastric Lavage
- Care of new-born in multichannel monitor and ventilator
- Care of new-born 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 and infusion pump
- Administration of drug per rectum
- Capillary blood sample collection
- Oxygen therapy
- Phototherapy
- Chest physiotherapy
- Counselling – Parental, bereavement, family planning and infertility
- Setting of operation theatre
- Trolley and table set up for Obstetrical and 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


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REFERENCE BOOKS

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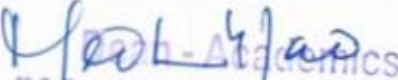
Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes(POs)	Programme specific Outcomes (PSOs)								
		PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
MNC621A Obstetric and Gynaecological Nursing	CO 1	3	3	3	3	3	3	3	3	3	3
	CO 2	3	3	3	3	3	3	3	3	3	3
	CO 3	3	3	3	3	3	3	3	3	3	3
	CO 4	3	3	3	3	3	3	3	3	3	3
	CO 5	3	3	3	3	3	3	3	3	3	3
	CO 6	3	3	3	3	3	3	3	3	3	3
	CO 7	3	3	3	3	3	3	3	3	3	3
	CO 8	3	3	3	3	3	3	3	3	3	3
	CO 9	3	3	3	3	3	3	3	3	3	3
	CO 10	3	3	3	3	3	3	3	3	3	3
	CO 11	3	3	3	3	3	3	3	3	3	3
	CO 12	3	3	3	3	3	3	3	3	3	3
	CO 13	3	3	3	3	3	3	3	3	3	3
	CO 14	3	3	3	3	3	3	3	3	3	3
	CO 15	3	3	3	3	3	3	3	3	3	3
	CO 16	3	3	3	3	3	3	3	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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BANGALORE – 54
DEPARTMENT OF OBG NURSING
B.Sc/P.B.B.Sc/M.Sc/GNM NURSING
ASSIGNMENT EVALUATION PROFORMA**

Name of the Student:

Course & Year :

Topic:

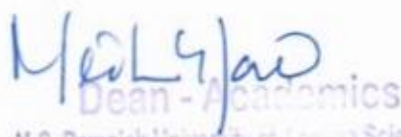
SL. NO.	CRITERIA	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	Adequacy of content					
2	Appropriate and Relevant content					
3	Organization and Sequence of content					
4	Comprehensiveness and legibility					
5	Illustrations/ Images					
6	Neatness/clarity/free from spelling errors					
7	Guidance taken					
8	Multiple references					
9	Time of submission					
10	Ability to respond					
	Total (50)					

Date of submission :

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BANGALORE – 54

DEPARTMENT OF OBG NURSING

B.Sc/P.B.B.Sc/M.Sc/GNM NURSING

ASSIGNMENT EVALUATION PROFORMA

PREPARATION OF MODEL

Name of the Student:

Course:

Topic:

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Principles	5	
2	Attractiveness and Creativity	10	
3	Cost effectiveness	5	
4	Physical control and safety	10	
5	Involvement	10	
6	Guidance taken	8	
7	Time of submission	2	
	Total	50	

Date of submission :

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BANGALORE – 54
DEPARTMENT OF OBG NURSING
M.Sc NURSING
NURSING CARE PLAN EVALUATION PROFORMA**

Name of the Student:
Topic:

Course & Year :

Sl. No.	Criteria	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	History Collection					
2	Physical Examination					
3	Investigation & treatment					
4	List of nursing diagnosis					
5	Plan and implementation of nursing care					
6	Evaluation of nursing care					
7	Theory application					
8	Summary of care & Health education					
9	Bibliography					
10	Time of submission					
	Total (50)					

Date of submission:

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DEPARTMENT OF OBG NURSING
HEALTH EDUCATION EVALUATION PROFORMA**

Name of the Student:

Course & Year :

Topic:

Sl.No.	Criteria	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	Content					
1.1	Objectives					
1.2	Organization & adequacy of content					
1.3	Bibliography					
2	A.V.Aids					
2.1	Appropriate selection of A.V.aids					
2.2	Principles of A.V.aids					
2.3	Attractiveness					
3	Presentation					
3.1	Communication Skills					
	a) Creating interest					
	b) Language					
	c) Group involvement					
3.2	Mastery over content					
3.3	Obtaining feedback and reinforcement					
3.4	Time management					
4	Guidance taken					
	Total (50)					

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**DEPARTMENT OF OBG NURSING
SEMINAR EVALUATION PROFORMA**

Name of the Student:


Course & Year :

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	CONTENT:					
	a. Adequacy and relevance					
	b. Organization					
	c. Recent advancement /Research studies					
2	PRESENTATION:					
	a. Voice audibility, clarity, modulation					
	b. Confidence/Body language					
3	A.V.AIDS:					
	a. Appropriate selection					
	b. Principles of A.V.aids					
	c. Attractiveness					
4	BIBLIOGRAPHY					
5	Time of submission					
	TOTAL (50)					

Date of submission :


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B.Sc/P.B.B.Sc/M.Sc NURSING
DEPARTMENT OF OBG NURSING
INSTRUMENT BOOK EVALUATION FORM

Name of the Student :

Placement :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Name of the Instrument	1	
2	Neat and Labeled diagram	2	
3	Principle of Usage	2	
4	Identification of instrument	2	
5	Indications/ Contraindications	2	
6	Competence in usage	2	
7	Teacher's evaluation	2	
8	References/ Bibliography	2	
	Total	15	

COMMENTS:

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BANGALORE – 54
B.Sc/P.B.B.Sc/M.Sc NURSING
DEPARTMENT OF OBG NURSING
DRUG BOOK EVALUATION FORM

Name of the Student :

Placement :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Name of the drug/trade name	1	
2	Mechanism of action	2	
3	Neatness/legibility	1	
4	Nurse's Role	2	
5	Time of submission	1	
6	Teacher's evaluation	2	
7	References/ Bibliography	1	
	Total	10	

COMMENTS:

SIGNATURE OF THE EVALUATOR


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Bangalore - 560 054


Dean - Academics

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At S.Ramaiah University of Applied Sciences
Bangalore - 560 054

CHILD HEALTH NURSING – II

Course Specifications

Course Title	Child Health Nursing – II
Course Code	MNC631A
Course Type	Combination course
Department	Child Health Nursing
Faculty	Nursing

Course Summary

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

PLACEMENT: II Year

THEORY: 7.5 Credits (150 hours)

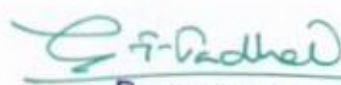
PRACTICUM: Clinical: 12 Credits (950 hours)

Course Outcomes

On completion of the course, the students will be able to

CO-1	Apply the nursing process in the care of ill infants to pre adolescents in hospital and community.
CO-2	Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.
CO-3	Describe the principles, practices and trends in pediatric nursing.
CO-4	Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems.
CO-5	Recognize and manage emergencies in children.
CO-6	Provide nursing care to critically ill children.
CO-7	Understand the ethical and legal issues in care of critically ill children.
CO-8	Utilize the recent technology and various treatment modalities in the management of high-risk children.
CO-9	Explain nursing management of children with developmental disturbances.

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CO-10	Develop skills to provide training and rehabilitation for challenged children.
CO-11	Describe the role of a nurse in care of terminally ill child.
CO-12	Develop skills in dosage calculation and administration of medication.
CO-13	Prepare a design for layout and describe standards for management of pediatric units/hospitals.
CO-14	Identify areas of research in the field of pediatric nursing.
CO-15	Identify training needs and plan in-services education program for pediatric nurses.

COURSE OUTLINE

Unit	Time (Hrs.)	Learning outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	5	Describe the principles, practices and trends in pediatric nursing Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team	Introduction <ul style="list-style-type: none"> Current principles, practices and trends in pediatric nursing Role of pediatric nurse in various settings: Expanded and extended 	<ul style="list-style-type: none"> Lecture cum Discussion Assignment on extended and expanded role of pediatric nurse 	<ul style="list-style-type: none"> Long essay Evaluation of assignment
II	35	Demonstrate advanced skills/competence in nursing management of children with medical problems	Pediatric medical disorders Patho-physiology, assessment (including interpretation of various invasive and non-invasive diagnostic procedures), treatment modalities and nursing intervention <ul style="list-style-type: none"> Child with respiratory disorders: 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on physical assessment of children with medical problems Scenario based learning 	<ul style="list-style-type: none"> Long essay Short essay Assessment of skills with checklist OSCE

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Sri Radha D
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		<p>apply the nursing process in the care of ill infants to pre adolescents in hospital and community</p>	<ul style="list-style-type: none"> ○ Upper respiratory tract: choanal atresia, tonsillitis, epistaxis and aspiration ○ Lower respiratory tract: Bronchiolitis, bronchopneumonia, asthma and cystic fibrosis • Child with gastro-intestinal disorders: <ul style="list-style-type: none"> ○ Diarrheal diseases and gastro-esophageal reflux ○ Hepatic disorders: Hepatitis, indian childhood cirrhosis, and liver transplantation. ○ Malabsorption syndrome and malnutrition • Child with renal/ urinary tract disorders: <ul style="list-style-type: none"> ○ Nephrotic syndrome, nephritis, hydronephrosis, hemolytic-uremic syndrome and kidney transplantation • Child with cardiovascular disorders: <ul style="list-style-type: none"> ○ Acquired: Rheumatic fever and Rheumatic heart disease ○ Congenital: Cyanotic and acyanotic heart disease • Child with endocrine/metabolic disorders: <ul style="list-style-type: none"> ○ Diabetes insipidus, diabetes mellitus (IDDM, NIDDM), hyper and hypo thyroidism, phenylketonuria and galactosemia 	<ul style="list-style-type: none"> • Seminar on common communicable diseases 	<ul style="list-style-type: none"> • Evaluation of seminar
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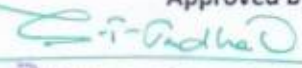
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			<ul style="list-style-type: none"> • Child with Neurological disorders: <ul style="list-style-type: none"> ○ Convulsions, meningitis, encephalitis and Guillian- Barre syndrome • Child with oncological disorders: <ul style="list-style-type: none"> ○ Leukemias, lymphomas, wilms' tumor, nephroblastoma, neuroblastomas, rhabdomyosarcoma, retinoblastoma, hepatoblastoma and bone tumors • Child with blood disorders: <ul style="list-style-type: none"> ○ Anemias, thalassemia, hemophilia, polycythemia, thrombocytopenia and disseminated intravascular coagulation • Child with skin disorders • Common Eye and ENT disorders • Common communicable diseases 		
III	35	Demonstrate advanced skills/competence in nursing management of children with surgical problems	<p>Pediatric surgical problems/ disorders</p> <p>Assessment (including interpretation of various invasive and noninvasive diagnostic procedures), treatment modalities including cosmetic surgery and nursing intervention</p> <ul style="list-style-type: none"> • Gastrointestinal system: <ul style="list-style-type: none"> ○ Cleft lip, cleft palate and conditions requiring plastic surgery, tracheo esophageal fistula/atresia, Hirschsprungs' disease/megacolon, 	<ul style="list-style-type: none"> • Lecture cum discussion • Supervised clinical practice on stoma care • Scenario based learning 	<ul style="list-style-type: none"> • Long essay • Short essay • OSCE <p style="text-align: center;">  Registrar M.S.Ramaiah University of Applied Sciences Bangalore - 560 084 </p>

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			<p>malrotation, intestinal obstruction, duodenal atresia, gastrochisis, exomphalos, anorectal malformation, omphalocele and diaphragmatic hernia</p> <ul style="list-style-type: none"> • Anomalies of the nervous system: <ul style="list-style-type: none"> ○ Spina bifida, meningocele, myelomeningocele and hydrocephalus • Anomalies of the genito-urinary system: <ul style="list-style-type: none"> ○ Hypospadias, epispadias, undescended testes and exstrophy bladder • Anomalies of the skeletal system: Club foot, hip dislocation and fracture • Nursing management of the child with traumatic injuries: <ul style="list-style-type: none"> - General principles of managing Pediatric trauma - Head injury, abdominal injury, poisoning, foreign body obstruction, burns and bites • Child with oncological disorders: <ul style="list-style-type: none"> ○ Solid tumors of childhood, neuroblastoma, neuroblastoma, hodgkin's/non-hodgkin's lymphoma, hepatoblastoma and rhabdomyosarcoma • Management of stomas, catheters and tubes • Management of wounds and drainages 		
IV	10	Recognize and manage	Intensive care for pediatric clients	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay • Short essay

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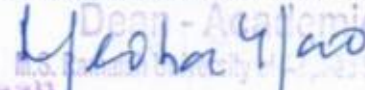
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		<p>emergencies in children.</p> <p>Provide nursing care to the critically ill children</p> <p>Understand the legal and ethical issues in care of critically ill children</p>	<ul style="list-style-type: none"> Anatomical and physiological basis of critical illness in infancy and childhood Resuscitation, stabilization and monitoring of pediatric patients Care of child requiring long-term ventilation Nutritional needs of critically ill child Legal and ethical issues in pediatric intensive care Intensive care procedures and equipment Documentation 	<ul style="list-style-type: none"> Seminar on nutritional needs of critically ill child 	<ul style="list-style-type: none"> Evaluation of seminar
V	20	<p>Utilize the recent technology and various treatment modalities in the management of high-risk children</p>	<p>High risk newborn</p> <p>Concept, goals, assessment, principles.</p> <p>Nursing management of :</p> <ul style="list-style-type: none"> Post-mature infant and baby of diabetic and substance use mothers Respiratory conditions: Asphyxia neonatorum, neonatal apnoea, meconium aspiration syndrome (MAS), pneumothorax and pneumomediastinum Icterus neonatorum Birth injuries Hypoxic ischaemic encephalopathy Neonatal seizures Neonatal hypocalcaemia, hypoglycemia and hypomagnesaemia Neonatal hemolytic diseases Neonatal infections, neonatal sepsis, ophthalmia neonatorum, 	<ul style="list-style-type: none"> Lecture Discussion Demonstration: Assessment of high risk newborn 	<ul style="list-style-type: none"> Long essay Short essay OSCE Assessment of skill with checklist


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			<p>congenital syphilis and HIV/AIDS</p> <ul style="list-style-type: none"> Advanced neonatal procedures Calculation of fluid requirements Hematological conditions: Erythroblastosis fetalis and hemorrhagic disorder in the newborn 		
VI	10	Explain nursing management of children with developmental disturbances	<p>Developmental disturbances and implications for nursing</p> <ul style="list-style-type: none"> Adjustment reaction to school Learning disabilities Habit disorders and speech disorders Conduct disorders Early infantile autism Attention deficit hyperactive disorders (ADHD) Depression and childhood schizophrenia 	<ul style="list-style-type: none"> Lecture Discussion Seminar on learning disabilities 	<ul style="list-style-type: none"> Short essay Evaluation of seminar
VII	10	Develop skills to provide training and rehabilitation for challenged children	<p>Challenged child and implications for nursing</p> <ul style="list-style-type: none"> Physically challenged, causes, features, early detection and management Cerebral palsied child Mentally challenged child Training and rehabilitation of challenged children 	<ul style="list-style-type: none"> Lecture cum discussion Field visit to special school for challenged children and orphanage 	<ul style="list-style-type: none"> Short essay Evaluation of field visit report
VIII	5	Describe the role of a nurse in care of terminally ill child	<p>Crisis and nursing intervention</p> <ul style="list-style-type: none"> The hospitalized child Terminal illness and death during childhood Nursing intervention-counselling 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay
IX	5	Develop skills in dosage calculation	<p>Drugs used in pediatrics</p>	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay OSCE

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		and administration of medication	<ul style="list-style-type: none"> Criteria for dose calculation Administration of drugs, oxygen and blood Drug interactions Adverse effects and their management 		
X	10	Prepare a design for layout and describe standards for management of pediatric units/hospitals Identify areas of research in the field of pediatric nursing.	Administration and management of pediatric care unit (ward/ICU): <ul style="list-style-type: none"> Norms, policies and protocols Practice standards for pediatric care unit Quality assurance in paediatric nursing Care-Nursing audit Design layout Staffing Equipment and supplies Documentation Research in pediatric nursing 	<ul style="list-style-type: none"> Lecture cum discussion Assignment on <ul style="list-style-type: none"> Designing of pediatric intensive care unit layout Develop practice standards for pediatric intensive care unit 	<ul style="list-style-type: none"> Short essay Evaluation of assignment
XI	5	Identify training needs and plan in-services education program for pediatric nurses	Education and training in pediatric care <ul style="list-style-type: none"> Staff orientation, skill training and in-service education program Clinical teaching programs 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Short essay

PRACTICUM

Total = 960 Hours
1 Week = 30 Hours

Sl. No.	Department / Unit	No. of Week	Total Hours
1	Pediatric medicine ICU	4	120 Hours
2	Pediatric surgical ICU	4	120 Hours
3	NICU	4	120 Hours
4	Pediatric OT	2	60 Hours
5	Pediatric medicine ward	6	180 Hours
6	Pediatric surgery ward	6	180 Hours

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7	Emergency/Casualty	4	120 Hours
8	Field visits*	2	60 Hours
Total		32 weeks	960 Hours

*Child care centre, anganwadi, play school, special schools for challenged children, Juvenile court, UNICEF, orphanage, creche and SOS village

1. Procedures Observed

- Echo cardiogram
- Ultrasound head
- Retinopathy of prematurity(ROP) screening

2. Procedures Assisted

- Advanced neonatal life support
- Lumbar Puncture
- Arterial Blood Gas
- Umbilical catheterization – arterial and venous
- Arterial B P monitoring
- Arterial catheterization
- Chest tube insertion
- Endotracheal intubation
- Ventilation
- Insertion of long line
- Assist in surgery

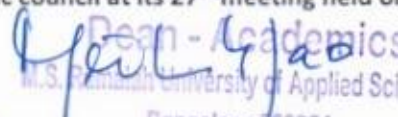
3. Procedures Performed

- Airway Management
 - Application of oropharyngeal airway
 - Oxygen therapy
 - CPAP (Continuous Positive Airway Pressure)
 - Care of tracheostomy
 - Endotracheal intubation
- Neonatal Resuscitation
- Monitoring of Neonates – clinically and with monitors, CRT (Capillary Refill Time), assessment of jaundice and ECG
- Gastric Lavage
- Setting of Ventilator
- Blood transfusion- exchange transfusion full and partial
- IV cannulation and therapy
- ECG Recording
- Phototherapy
- Assessment of neonates: Identification and assessment of risk factors, APGAR Score, gestation age, anthropometric assessment, weighing the baby, newborn examination and detection of life-threatening congenital abnormalities
- Admission and discharge of neonates
- Feeding: Management of breast feeding, artificial feeding, expression of breast milk, OG (Oro-gastric) tube insertion, gavage feeding, TPN and Breast-feeding counselling

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- Thermoregulation- Axillary temperature, Kangaroo Mother Care (KMC), use of radiant warmer, incubators, management of thermoregulation and control
- Administration of Drugs: I/M, IV injection, IV Cannulation and fixation infusion pump, calculation of dosages, Neonatal formulation of drugs, use of tuberculin/ insulin Syringes, monitoring fluid therapy and blood administration.
- Procedures for prevention of infections: Hand washing, disinfections, sterilization, surveillance and fumigation
- Collection of specimens
- Setting, use and maintenance of basic equipment: Ventilator, O₂ analyzer, monitoring equipment, photo therapy unit, flux meter, infusion pump, radiant warmer, incubator, centrifuge machine, billi meter, refractometer and laminar flow

REFERENCE BOOKS

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2. Singh M. Essential Pediatrics for Nurses. 4th ed. New Delhi,: CBS publishers; 2017.
3. Singh M. Care of the Newborn. 9th ed. New Delhi: CBS publishers; 2021.
4. Gupte S. The Short Textbook of Pediatrics. 13th ed. New Delhi: Jaypee brothers medical publishers (P) ltd; 2019.
5. Paul VK, Bagga A. Ghai Essential Pediatrics. 9th ed. New Delhi: CBS publishers; 2019.
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8. Gupta P. Clinical Methods in Pediatrics. 5th ed. New Delhi : CBS publishers; 2021.
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Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CHILD HEALTH NURSING – II	CO 1	2	3	2	2	2	1	2	3	3
	CO 2	3	2	2	3	1	1	1	3	2
	CO 3	2	3	2	3	2	1	1	2	3
	CO 4	2	3	3	3	1	1	2	2	3
	CO 5	2	3	3	3	2	1	2	3	3
	CO 6	2	3	3	3	2	1	2	3	3
	CO 7	2	2	2	2	2	1	2	2	2
	CO 8	2	3	3	3	2	2	3	3	3
	CO 9	2	3	3	3	2	1	2	3	3
	CO 10	2	2	3	3	2	1	2	3	3
	CO 11	2	2	3	3	2	1	2	3	3
	CO 12	2	2	3	3	2	1	2	2	2
	CO 13	2	2	3	3	3	2	3	3	2
	CO 14	2	2	3	3	2	3	2	3	2
	CO 15	3	2	3	3	3	2	3	3	2

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution



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Log book

CLINICAL SPECIALITY –II

PAEDIATRIC NURSING

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
I	Assessment					
	<ul style="list-style-type: none"> History collection Physical examination 					
II	Procedures to be performed					
1.	Care of child on non-invasive ventilation					
	<ul style="list-style-type: none"> Oxygen administration (nasal cannula/mask/ oxygen hood) 					
	<ul style="list-style-type: none"> Continuous positive airway pressure(CPAP) 					
	Care of child on invasive ventilation					
	<ul style="list-style-type: none"> Mechanical ventilation Tracheostomy Suctioning(Oral/Nasal/ Endotracheal) 					
2.	Arterial blood gas(ABG) analysis					
3.	Care of child with intercostal chest drainage(ICD) tube					
4.	Insertion of urinary catheter and care					
5.	<ul style="list-style-type: none"> Colostomy care 					
	<ul style="list-style-type: none"> Bowel wash/ Gastric lavage 					

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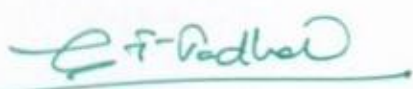
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	<ul style="list-style-type: none"> • Insertion of suppository 					
6.	Care of child on					
	<ul style="list-style-type: none"> • Splint 					
	<ul style="list-style-type: none"> • Plaster cast (POP) 					
	<ul style="list-style-type: none"> • Traction 					
III	Procedures to be assisted					
7.	Diagnostic procedures					
	<ul style="list-style-type: none"> • Lumbar puncture 					
	<ul style="list-style-type: none"> • Bone marrow aspiration 					
8.	Therapeutic procedures					
	<ul style="list-style-type: none"> • Umbilical catheterization 					
	<ul style="list-style-type: none"> • Endo tracheal intubation 					
	<ul style="list-style-type: none"> • Chest tube insertion 					
	<ul style="list-style-type: none"> • PICC line insertion 					
	<ul style="list-style-type: none"> • Blood transfusion 					
	<ul style="list-style-type: none"> • Exchange transfusion 					
	<ul style="list-style-type: none"> • Thoracentesis 					
	<ul style="list-style-type: none"> • Paracentesis 					
IV	Procedures to be observed					
	<ul style="list-style-type: none"> • Retinopathy of prematurity(ROP)screening 					
	<ul style="list-style-type: none"> • Screening for hearing in neonates 					
	<ul style="list-style-type: none"> • ECHO Cardiogram 					
	<ul style="list-style-type: none"> • Ultrasonography 					
V	Diet planning for child					
	<ul style="list-style-type: none"> • Protein Energy Malnutrition (PEM) 					
	<ul style="list-style-type: none"> • Iron deficiency anaemia 					
	<ul style="list-style-type: none"> • Juvenile diabetes mellitus 					

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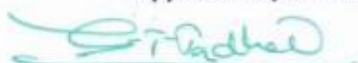
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	<ul style="list-style-type: none"> Nephrotic syndrome 				
	<ul style="list-style-type: none"> Renal failure 				
	<ul style="list-style-type: none"> Thalassemia 				
	<ul style="list-style-type: none"> Leukaemia 				
VI	Assist in counselling of child health with developmental disturbances <ul style="list-style-type: none"> Attention deficit hyperactivity disorder (ADHD) 				
	<ul style="list-style-type: none"> Speech disorder 				
	<ul style="list-style-type: none"> Conduct disorder 				
	<ul style="list-style-type: none"> Learning disability 				

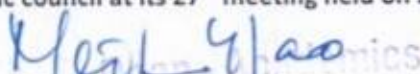
CLINICAL REQUIREMENTS

Clinical requirements	Date	Signature of the supervisor
Nursing Process application		
High risk new-born (2)		
1.		
2.		
Paediatric emergency		
1.		
Medical (2)		
1.		
2.		
Surgical (2)		
1.		
2.		
Case study/presentation with theory application		
High risk New Born		
1.		
Medical		
1.		
Surgical		
1.		

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Programme structure and course details of M.Sc. Nursing-2022

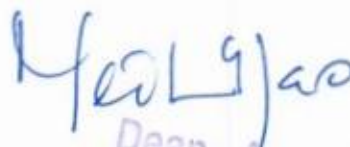
Health Education (Hospital)	Date	Signature of the supervisor
Birth -2 years old child		
1.		
2-5 years old child		
2.		

Teaching Coordinator

H.O.D



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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
M.SC NURSING
SUBJECT: CHILD HEALTH NURSING
CASE STUDY EVALUATION FORMAT**

Name of the Student:

Year:

Diagnosis of patient:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	History collection	4	
2	Physical examination	4	
3	Growth and development	4	
	Nutritional Assessment	2	
4	Investigation and treatment	2	
5	Description of case in comparison with patient picture		
	Anatomy & Physiology/Embryology	2	
	Introduction, incidence, etiology and pathophysiology	4	
	Clinical features and diagnostic evaluation	4	
	Management and nursing management	4	
6	Nursing Care Plan		
	Assessment of patient	2	
	Writing a nursing diagnoses (Based on priority)	3	
	Identifying desired outcome	2	
	Planning and implementation of nursing care	6	
	Evaluation of nursing care	2	
7	Health Education	2	
8	Summary of patient care	1	
9	Bibliography	2	
Total		50	

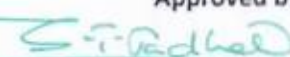
REMARKS:



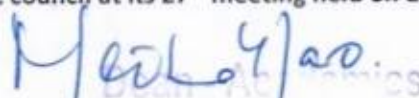
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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
M.SC NURSING
SUBJECT: CHILD HEALTH NURSING
CARE PLAN EVALUATION FORMAT**

Name of the Student:

Year :

Diagnosis of patient:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Assessment		
	History collection	2	
	Physical Examination	2	
	Assessment of Growth and Development	2	
	Assessment of Nutritional status	2	
2	Investigations	1	
3	Treatment	1	
4	Nursing Care plan		
	Assessment of patient	1	
	Writing a nursing diagnoses (Based on priority)	3	
	Identifying desired outcome	1	
	Planning and implementation of nursing care	5	
	Evaluation of nursing care	2	
5	Health Education	2	
6	Summary of patient care	1	
	Total	25	

REMARKS:

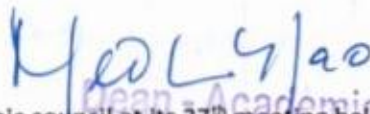


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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE - 54

M.SC NURSING
SUBJECT: CHILD HEALTH NURSING
CLINICAL PRESENTATION EVALUATION FORMAT

Name of the Student :

Year :

Diagnosis of patient:

Sl. No.	Criteria	Marks Allotted	Marks obtained
	Assessment		
1	History collection and physical examination	3	
2	Assessment of Growth and Development	2	
3	Assessment of Nutritional status	2	
4	Investigations and treatment	1	
5	Presentation of disease aspect	3	
6	A.V. aids used	2	
7	Nursing care plan	6	
8	Health Education	2	
9	Entertaining discussion	1	
10	Personal and Professional behavior	2	
11	Bibliography	1	
	Total	25	

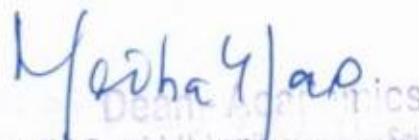
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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
M.SC NURSING
SUBJECT: CHILD HEALTH NURSING
HEALTH EDUCATION EVALUATION FORMAT

Name of the Student:

Year:

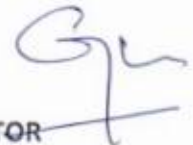
Topic:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Content : adequate and relevant	8	
2	Presentation of content	6	
3	Group interaction	2	
4	Fluency of language	2	
5	A.V.aids : Preparation and proper use	5	
6	Personal & Professional behavior	1	
7	Bibliography	1	
	Total	25	

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
M.SC NURSING
SUBJECT: CHILD HEALTH NURSING
ASSIGNMENT EVALUATION FORMAT

Name of the Student:

Year:

Topic:

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Content: adequate and relevant	20	
2	Comprehensiveness	5	
3	Organization of content	5	
4	Creativity (Images/pictures/illustrations)	10	
5	Time of submission	5	
6	References	5	
	Total	50	

Remarks:

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
M.Sc NURSING
SUBJECT: CHILD HEALTH NURSING
EVALUATION TOOL FOR SEMINAR

Name of the Student:

Year:

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	INTRODUCTION: • Appropriate and interesting to topic					
2	CONTENT: • Accurate • Comprehensiveness • concise • Adequate • Relevant • Organized effectively					
3	PRESENTATION: • Confidence • knowledge of subject matter • Communication of message to learners • Interacts effectively with listeners • Questioning technique • personal appearance					
4	A.V.AIDS • Preparation • Comprehensiveness • Effective utilization • Use of chalkboard					
5	BIBLIOGRAPHY: • Books • Journal articles • Any other references					
TOTAL						

GL

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S. R. Adhikari

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
M.Sc NURSING
SUBJECT: CHILD HEALTH NURSING
CHECK LIST FOR EVALUATION OF PRACTICE TEACHING

Name of the Student:
 Year:
 Topic:
 Audience:
 Date & Time:

Sl. No.	Points to Evaluate	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	Teacher personal Appearance					
2	Voice and clarity					
3	Teaching: Preparation of student's mind					
4	Knowledge of subject matter					
5	Questioning: relevant & clear					
6	Student's participation					
7	Impressiveness					
8	Environment					
9	Management of class					
10	Time planned well & Kept					
11	Black board use					
12	Use of Diagrams, model, charts etc.					
13	Preparation Lesson plan					
14	Summarization					
15	Assignment to student					
16	Bibliography					

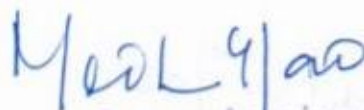
General Comments:

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PSYCHIATRIC (MENTAL HEALTH) NURSING – II

Course Specifications

Course Title	PSYCHIATRIC (MENTAL HEALTH) NURSING – II
Course Code	MNC641A
Course Type	Combination course
Department	Mental Health Nursing
Faculty	Nursing

Course Summary

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

PLACEMENT: II Year

Hours of Instruction

Theory: 150 hrs

Practical: 950 hrs

Total: 1100 hrs

Course Outcomes

On completion of the course, the students will be able to

Co-1	apply the nursing process in the care of patients with mental disorders in hospitals 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, and 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-7	demonstrate skills in carrying out crisis intervention.
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 and in-service nurses.

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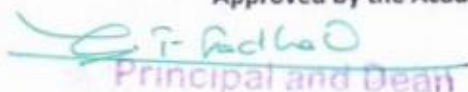
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COURSE OUTLINE

Unit	Time (hrs)	Learning Outcomes	Content	Teaching/ learning activities	Assessment methods
I	2	Enumerate the principles and practice of psychiatric nursing	<p>Principles and practice of psychiatric nursing</p> <ul style="list-style-type: none"> Review of <ul style="list-style-type: none"> principles of psychiatric mental health nursing practice standards of psychiatric mental health nursing 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay / Short essay
II	10	<p>Identify and manage psychiatric emergencies</p> <p>Demonstrate skills in carrying out crisis intervention</p>	<p>Crisis intervention</p> <ul style="list-style-type: none"> Crisis-definition Phases in the development of a crisis Type of crisis; dispositional, anticipated life transitions traumatic stress, maturational/ development, reflecting psychopathology Psychiatric emergencies and their management Grief and grief reaction Crisis intervention; phases Post-Traumatic Stress Disorder (PTSD) Role of the nurse 	<ul style="list-style-type: none"> Lecture cum discussion Role play on crisis intervention 	<ul style="list-style-type: none"> Long essay / Short essay
III	4	Explain the types, predisposing factors of aggression and management of person with aggression	<p>Anger/ aggression management</p> <ul style="list-style-type: none"> Anger and aggression: Types and predisposing factors Management Role of the nurse 	<ul style="list-style-type: none"> Lecture cum discussion Demonstration on managing individual with aggressive behaviour 	<ul style="list-style-type: none"> Long essay / Short essay
IV	5	<p>Discuss predisposing factors of suicide</p> <p>Apply the nursing process to individuals</p>	<p>The suicidal client</p> <ul style="list-style-type: none"> Epidemiological factors Risk factors Predisposing factors: theories of suicide-psychological, sociological and biological Nursing management 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay / Short essay

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Programme structure and course details of M.Sc. Nursing-2022

		exhibiting suicidal behaviours			
V	8	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of childhood and Adolescent disorders including mental deficiency	Disorders of infancy, childhood, and adolescence <ul style="list-style-type: none"> Mentally challenged Autistic disorders Attention-Deficit/Hyperactivity Disorder Conduct disorders and behavioural disorders Oppositional defiant disorder Tourette's disorders Separation anxiety disorder Psychopharmacological intervention and nursing management 	<ul style="list-style-type: none"> Lecture cum discussion Case vignette 	<ul style="list-style-type: none"> Long essay / Short essay
VI	5	Explain the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of organic brain disorders	Delirium, dementia, and amnesic disorders <ul style="list-style-type: none"> Delirium Dementia Amnesia Psychopharmacological intervention and nursing management 	<ul style="list-style-type: none"> Lecture cum discussion Video on dementia 	<ul style="list-style-type: none"> Long essay / Short essay
VII	10	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with substance use disorders	Substance-related disorders <ul style="list-style-type: none"> Substance-use disorders Substance-induced disorders Classes of psychoactive substances Predisposing factors The dynamics of substance-related disorders The impaired nurse Co-dependency Treatment modalities for substance-related disorders and nursing management 	<ul style="list-style-type: none"> Lecture cum discussion Case discussion Case presentation 	<ul style="list-style-type: none"> Long essay / Short essay Clinical assessment Nursing process application
VIII	10	Discuss the etiology, psychodynamics/	Schizophrenia and other psychotic disorders	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay /

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Programme structure and course details of M.Sc. Nursing-2022

		pathology, clinical manifestations, diagnostic criteria and management of patients with schizophrenia, and other psychotic disorders	<ul style="list-style-type: none"> Nature of the disorder Predisposing factors Schizophrenia -types <ul style="list-style-type: none"> Disorganized schizophrenia Catatonic schizophrenia Paranoid schizophrenia Undifferentiated schizophrenia Residual schizophrenia Other psychotic disorders <ul style="list-style-type: none"> Schizoaffective disorder Brief psychotic disorder Schizophreniform disorder Psychotic disorder due to a general medical condition Substance-induced psychotic disorder Treatment and nursing management 	<ul style="list-style-type: none"> Video on schizophrenia Case discussion Case presentation 	<ul style="list-style-type: none"> Short essay Clinical assessment Evaluation of nursing process
IX	10	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with mood disorders	Mood disorders <ul style="list-style-type: none"> Historical perspective Epidemiology The grief response Maladaptive responses to loss Types of mood disorders Depressive disorders Bipolar disorders Treatment and nursing management 	<ul style="list-style-type: none"> Lecture cum discussion Video on mood disorders Case discussion Case presentation 	<ul style="list-style-type: none"> Long essay / Short essay Clinical assessment Evaluation of nursing process
X	10	Explain the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with anxiety disorders	Anxiety disorders <ul style="list-style-type: none"> Historical aspects Epidemiological statistics How much is too much? Types <ul style="list-style-type: none"> Panic disorder Generalized Anxiety Disorder Phobias Obsessive-Compulsive Disorder Posttraumatic Stress Disorder 	<ul style="list-style-type: none"> Lecture cum discussion Case discussion 	<ul style="list-style-type: none"> Long essay / Short essay Clinical assessment

Register


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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> ○ Anxiety disorder due to a general medical condition ○ Substance-induced anxiety disorder • Treatment modalities • Psychopharmacology and nursing management 		
XI	5	Discuss the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with sleep and somatization disorders	Somatoform and sleep disorders <ul style="list-style-type: none"> • Somatoform disorders • Historical aspects • Epidemiological statistics • Pain disorder • Hypochondriasis • Conversion disorder • Body dysmorphic disorder • Sleep disorder • Treatment modalities and nursing management 	<ul style="list-style-type: none"> • Lecture cum discussion • Case vignette 	<ul style="list-style-type: none"> • Long essay / Short essay
XII	5	Discuss the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with dissociative disorders	Dissociative disorders and management <ul style="list-style-type: none"> • Historical aspects • Epidemiological statistics • Application of the nursing management • Treatment modalities and nursing management 	<ul style="list-style-type: none"> • Lecture cum discussion • Case vignette 	<ul style="list-style-type: none"> • Long essay / Short essay
XIII	5	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with sexual disorders	Sexual and gender identity disorders <ul style="list-style-type: none"> • Development of human sexuality • Sexual disorders • Variation in sexual orientation • Nursing management 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay / Short essay
XIV	5	Explain the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with eating disorders	Eating disorders <ul style="list-style-type: none"> • Epidemiological factors • Predisposing factors: anorexia nervosa, bulimia nervosa and obesity • Psychopharmacology • Treatment and nursing management 	<ul style="list-style-type: none"> • Lecture cum discussion • Case vignette 	<ul style="list-style-type: none"> • Long essay / Short essay 

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Programme structure and course details of M.Sc. Nursing-2022

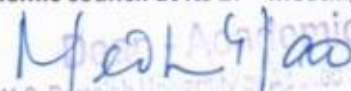
XV	5	Explain the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with adjustment and impulse control disorders	Adjustment and impulse control disorders <ul style="list-style-type: none"> Historical and epidemiological factors <ul style="list-style-type: none"> Adjustment disorders Impulse control disorders Treatment and nursing management 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay / Short essay
XVI	5	Discuss the etiology, psychodynamics, clinical manifestations diagnostic criteria and management of patients with medical conditions due to psychological disorders	Medical conditions due to psychological factors <ul style="list-style-type: none"> Asthma Cancer Coronary heart disease Peptic ulcer Essential hypertension Migraine headache Rheumatoid arthritis Irritable bowel syndrome Inflammatory bowel diseases <ul style="list-style-type: none"> Ulcerative colitis Crohn's Disease Treatment and nursing management 	<ul style="list-style-type: none"> Lecture cum discussion Case vignette 	<ul style="list-style-type: none"> Long essay / Short essay
XVII	8	Explain the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with personality disorders	Personality disorders <ul style="list-style-type: none"> Historical perspectives Types of personality disorders <ul style="list-style-type: none"> Paranoid personality disorder Schizoid personality disorder Antisocial personality disorder Borderline personality disorder Histrionic personality disorder Narcissistic personality disorder Avoidance personality disorder Dependent personality disorder 	<ul style="list-style-type: none"> Lecture cum discussion Use personality disorder screening tools 	<ul style="list-style-type: none"> Long essay / Short essay


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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> ○ Obsessive-compulsive personality disorder ○ Passive-aggressive personality disorders • Identification, diagnostic and symptoms • Psychopharmacology • Treatment and nursing management 		
XVIII	8	Describe various theories of ageing Describe the problem of elder abuse as it exists in today's society	The ageing individual <ul style="list-style-type: none"> • Epidemiological statistics • Biological theories • Biological aspects of ageing • Psychological aspects of ageing • Memory functioning • Socio-cultural aspects of ageing • Sexual aspects of ageing • Special concerns of the elderly population • Psychiatric problems among elderly population • Treatment and nursing management 	<ul style="list-style-type: none"> • Lecture cum discussion • Filed visit to old age home. 	<ul style="list-style-type: none"> • Long essay / Short essay
XIX	5	Discuss various problems, treatment and nursing management of a patient with HIV disease.	The person living with HIV disease <ul style="list-style-type: none"> • Psychological problems of individual HIV/AIDS • Counselling • Treatment and nursing management 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Long essay / Short essay
XX	5	Identify risk factors of abusive behaviours. Identify nursing diagnoses, goals of care, and appropriate nursing interventions for the care of victims of intimate partner	Problems related to abuse or neglect <ul style="list-style-type: none"> • Vulnerable groups, women, children, elderly, psychiatric patients, underprivileged and challenged • Predisposing factors • Treatment and nursing management-counselling 	<ul style="list-style-type: none"> • Lecture cum discussion • Case vignette 	<ul style="list-style-type: none"> • Long essay / Short essay




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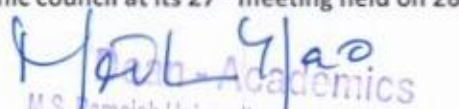
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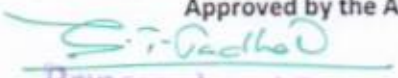
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Programme structure and course details of M.Sc. Nursing-2022

		violence, child abuse and sexual assault.			
XXI	5	Describe principles of rehabilitation Explain the various rehabilitation services	Psychosocial rehabilitation <ul style="list-style-type: none"> Principles of rehabilitation Disability assessment Day-care centres Half way homes Reintegration into the community Training and support to caregivers Sheltered workshops Correctional homes 	<ul style="list-style-type: none"> Lecture cum discussion Visit to Department of Psychosocial and Neuro Rehabilitation (DPNR), NIMHANS 	<ul style="list-style-type: none"> Long essay / Short essay
XXII	5	Explain the importance of counselling.	Counselling <ul style="list-style-type: none"> Liaison psychiatric nursing Terminal illnesses- counselling Post-partum psychosis- treatment, care and counselling Death dying- counselling Treatment, care and counselling – <ul style="list-style-type: none"> Unwed mothers HIV and AIDS 	<ul style="list-style-type: none"> Lecture cum discussion Role play on counselling 	<ul style="list-style-type: none"> Long essay / Short essay
XXIII	5	Prepare a design for layout and describe standards for management of psychiatric Units/emergency units/hospitals	Administration and management of psychiatric Units including emergency units <ul style="list-style-type: none"> Design and Layout Staffing Equipment and supplies Norms, policies and protocols Quality assurance Practice standards for psychiatric nursing Documentation 	<ul style="list-style-type: none"> Lecture cum discussion 	<ul style="list-style-type: none"> Long essay / Short essay
XXIV	5	Teach psychiatric nursing to undergraduate students and in-service nurses	Education and training in psychiatric care <ul style="list-style-type: none"> Staff orientation, training and development In-service education program 	<ul style="list-style-type: none"> Lecture cum discussion Organisation of in-service 	<ul style="list-style-type: none"> Long essay / Short essay


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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> Clinical teaching programs 	education program	<ul style="list-style-type: none"> Evaluation of in-service education program
--	--	--	--	-------------------	--

PRACTICUM

Total = 960 Hours
1 Week = 30 Hours

Sl. No	Area of Posting	No. of week	Total hours
1	Acute Psychiatric Ward	4	120 hours
2	Chronic Psychiatric Ward	4	120 hours
3	De-addiction Unit	4	120 hours
4	Psychiatric Emergency Unit	4	120 hours
5	O.P.D (Neuro and psychiatric)	3	90 hours
6	Child Psychiatric Unit and child guidance clinic	2	60 hours
7	Post-natal ward	1	30 hours
8	Family Psychiatric Unit	2	60 hours
9	Field visits	2	60 hours
10	Rehabilitation	2	60 hours
11	Community Mental Health Unit	4	120 hours
	Total	32 weeks	960 hours

ESSENTIAL PSYCHIATRIC NURSING SKILLS

1. Procedures Observed

- Psychometric tests
- Personality tests
- Family therapy
- Assisted
 - CT
 - MRI
- Behavioural therapy

2. Procedures Performed

- Mental status examination
- Participating in various therapies – Physical; ECT
- Administration of Oral, IM, IV psychotropic drugs
- Interviewing skills



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- Counselling skills
- Communication skills
- Psychoeducation
- Interpersonal relationship skills
- Community Survey for identifying mental health problems
- Rehabilitation therapy
- Health education and life skills training
- Supportive psychotherapeutic skills
- Group therapy
- Milieu therapy
- Social/Recreational therapy
- Occupational therapy

REFERENCES BOOKS

1. Townsend MC, Morgan KI. Psychiatric Mental Health Nursing: Concepts and Care in Evidence-Based Practice. 9th ed. Philadelphia: F.A.Davis Company; 2018.
2. Vyas JN, Ghimire SR. Textbook of Postgraduate Psychiatry. 3rd ed. New Delhi: Jaypee Brothers medical publishers (P) Ltd; 2018.
3. Boland R, Verduin ML. Kaplan and Sadock Concise Textbook of Clinical Psychiatry. 5th ed. Philadelphia: Lippincott Williams and Wilkins; 2022.
4. Sadock BJ, Sadock VA. Kaplan and Sadock's Synopsis of Psychiatry: Behavioural Science/Clinical Psychiatry. 11th ed. New Delhi: Lippincott Williams Wilkins; 2017.
5. Sadock BJ, Sadock VA, Ruiz P. Kaplan and Sadock's Comprehensive textbook of psychiatry. 10th ed. New Delhi: Lippincott Williams Wilkins; 2017.



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Course Mapping (CO-PO-PSO Mapping)

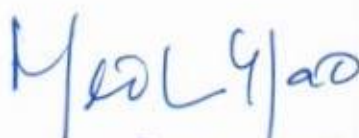
Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
			PO1	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
MNC541A PSYCHIATRIC (MENTAL HEALTH) NURSING – II	CO 1	3	3	3	2	2	2	2	2	2
	CO 2	3	3	3	3	2	2	2	2	2
	CO 3	3	3	3	2	2	1	3	3	2
	CO 4	3	3	3	2	2	1	2	3	2
	CO 5	3	3	3	2	2	1	2	3	2
	CO 6	2	2	3	2	2	2	3	2	2
	CO 7	3	3	3	2	2	1	2	3	2
	CO 8	3	2	2	2	3	2	2	2	2
	CO 9	3	2	2	3	2	3	2	2	3
	CO 10	3	2	2	2	3	1	2	2	1
	CO 11	3	2	2	2	3	2	2	1	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution



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Log book
CLINICAL SPECIALITY –I
PSYCHIATRIC NURSING

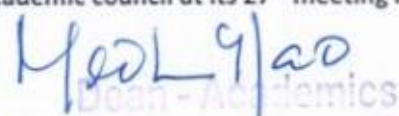
Placement : II year M.Sc Nursing

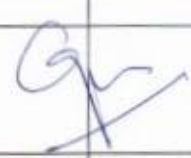
Practicum : 950 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1	Assessment					
a)	History collection & Mental status examination (5)					
	1)					
	2)					
	3)					
	4)					
	5)					
b)	Suicide Risk Assessment					
c)	Screening for Psychiatric problems					
	1) Elderly					
	2) Adolescent					
	3) Women (Postpartum)					
2.	Therapeutic measures					
	1) Restrain					
	2) Seclusion					
	3) Suicide prevention					
	4) Aggression Management					
3.	Administration of psychotropic drugs (Oral, IV/IM) (5)					
	1)					
	2)					
	3)					
	4)					
	5)					

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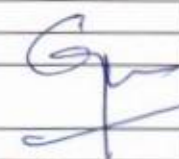

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Programme structure and course details of M.Sc. Nursing-2022

4.	Electro Convulsive Therapy (ECT)				
	1) Preparation of equipment/Articles				
	2) Preparation of patients				
	3) Assisting/Observation during ECT				
	4) Post - ECT care				
5	Psycho education/ Health education (2)				
	1)				
	2)				
6	Observational reports				
	1) Psychiatric Rehabilitation centre				
7	Education & Training program				
	1) Continuing Nursing Education				
8	Drug book				

CLINICAL REQUIREMENTS

Sl. NO.	Content	Date	Signature of the supervisor
1	Care Plan with nursing theory application (3)		
	1)		
	2)		
	3)		
2	Case Study with nursing theory application (3)		
	1)		
	2)		
	3)		
3	Case presentation with nursing theory application (3)		 Registrar
	1)		
	2)		
	3)		

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H.O.D

Teaching Coordinator

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

BANGALORE – 54

M.Sc NURSING

SUBJECT : MENTAL HEALTH NURSING

NURSING CARE PLAN EVALUATION PROFORMA

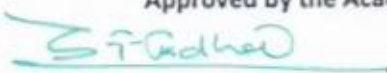
Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Introduction	1	
2.	History Collection	10	
3	Physical Examination	1	
4	Mental status examination	10	
5	Investigation & medication	1	
6	Process Recording	10	
7	Nursing Management	10	
8	Discharge Plan	2	
9	Conclusion	1	
10	Reference	2	
11	Time of submission	2	
TOTAL		50	

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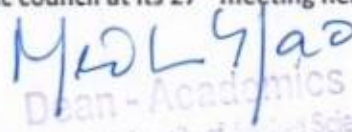
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BANGALORE – 54

M.Sc NURSING

SUBJECT : MENTAL HEALTH NURSING

NURSING CASE STUDY EVALUATION PROFORMA

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Introduction	1	
2.	History Collection	10	
3	Physical Examination	1	
4	Mental status examination	10	
5	Investigation & medication	1	
6	Process Recording	10	
7	Disease Condition	25	
8	Nursing Management	10	
9	Discharge Plan	2	
10	Conclusion	1	
11	Reference	2	
12	Time of submission	2	
TOTAL		75	

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M.Sc NURSING
SUBJECT : MENTAL HEALTH NURSING
NURSING CASE PRESENTATION EVALUATION PROFORMA**

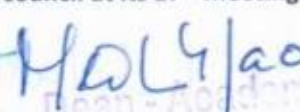
Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Introduction	1	
2	History Collection	10	
3	Physical Examination	1	
4	Mental status examination	10	
5	Investigation & medication	1	
6	Process Recording	5	
7	Fluency	4	
8	Comparison with patient	5	
9	Disease Condition	15	
10	Confidence	2	
11	A.V.aids	2	
12	Group Participation	2	
13	Nursing Management	10	
14	Discharge Plan	2	
15	Conclusion	1	
16	Reference	2	
17	Time of submission	2	
TOTAL		75	

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M.Sc. NURSING

SUBJECT : MENTAL HEALTH NURSING

EVALUATION FORMAT

PERSONALITY & PSYCHOMETRIC ASSESSMENT

Sl. No.	Criteria	Marks Allotted	Marks obtained
I	Brief Case History of patient	2	
II	Description of the Test	3	
III	Materials required for test	2	
IV	Procedure	3	
V	Scoring	3	
VI	Result and Interpretation	4	
VII	Plan of Action	3	
	Total	20	

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M.Sc NURSING

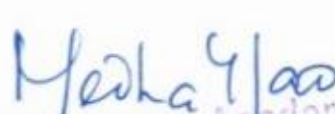
SUBJECT : MENTAL HEALTH NURSING

ELECTRO CONVULSIVE THERAPY (ECT) EVALUATION PROFORMA

Sl. No.	CRITERIA	MAX.MARKS	MARKS OBTAINED
1	Introduction	1	
2.	Preparation of the patient	2	
3	During ECT	2	
4	After ECT	2	
5	Conclusion/Impression	1	
6	Time of submission	2	
	TOTAL	10	

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M.Sc NURSING

SUBJECT : MENTAL HEALTH NURSING

INDIVIDUAL ASSIGNMENT EVALUATION PROFORMA

Sl. No.	Criteria	Max. marks	Marks obtained
1	Introduction	3	
2	Content	20	
3	Organization	10	
4	Clarity	8	
5	Conclusion	2	
6	Reference	5	
7	Time of Submission	2	
	Total	50	

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M.Sc NURSING

SUBJECT : MENTAL HEALTH NURSING

EVALUATION PROFORMA FOR GROUP ASSIGNMENT/PROJECT

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Selection of Topic for project	2	
2	Content : Appropriate, Clear & Adequate	5	
3	Creativity	4	
4	Group co-ordination	5	
5	Reference	2	
6	Time of submission	2	
	TOTAL	20	

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COMMUNITY HEALTH NURSING – II

Course Specifications

Course Title	Community Health Nursing – II
Course Code	MNC651A
Course Type	Combination course
Department	Community Health Nursing
Faculty	Nursing

Course Summary

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

PLACEMENT: II YEAR

THEORY: 7.5 Credits (150 hours)

PRACTICUM: Clinical: 12 Credits (950 hours)

Course Outcomes

On completion of the course, the students will be able to

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	Identify and perform the role and responsibilities of community health nurse in school health, occupational health, rehabilitation, geriatric and mental health.
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	Describe the role and responsibilities of community health nurse in various national health and family welfare programmes.
CO-7	Participate in the implementation of various national health and family welfare programmes.
CO-8	Demonstrate competencies in providing family centered nursing care independently.

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Sirishtha

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Programme structure and course details of M.Sc. Nursing-2022

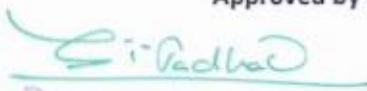
CO-9	Participate/conduct research for new insights and innovative solutions to health problems.
CO-10	Teach and supervise nurses and allied health workers.
CO-11	Design a layout of sub centre/primary health centre/community health centre and develop standards for community health nursing practice.

Course outline

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
I	40	<p>Explain the concept of universal health coverage</p> <p>Perform community health assessment, plan and participate in implementation of various national health and family welfare programmes</p>	<p>National Health and Family Welfare Programmes</p> <ul style="list-style-type: none"> • Concept of universal health coverage • Objectives, organisation/manpower/ resources, activities, goals, inter-sectoral approach, implementation, item/purpose, role and responsibilities of community health nurse: <ul style="list-style-type: none"> ○ National Vector Borne Disease Control Programme (NVBDCP) ○ National filaria control programme ○ National leprosy eradication programme ○ Revised national tuberculosis 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Field practice 	<ul style="list-style-type: none"> • Long essay • Short essay


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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> o RCH I and II o Non- communicable disease programmes o National Rural Health Mission (NRHM) o National Urban Health Mission (NUHM) o Reproductive, Maternal, New-born, Child and Adolescent Health (RMNCH+A) o Rastriya Bal Swasthya Karyakrama(RBSK) o Rashtriya Kishor Swasthya Karyakram (RKSK) <p>Health Schemes</p> <ul style="list-style-type: none"> • ESI • CGHS • Health insurance • Ayushman Bharath 		
II	15	Identify and perform the role and responsibilities of community health nurse in school health	<p>School Health</p> <ul style="list-style-type: none"> • Introduction: definition, concepts and objectives • Health assessment, screening, identification, referral and follow up • Safe environment • Services, programmes and plans- First aid and 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration on health assessment of school children • Field practice • Models • Mock drill- Disaster preparedness 	<ul style="list-style-type: none"> • Long essay • Short essay • Return demonstration
III	15	Appreciate the trends and issues related to international health	<p>International Health</p> <ul style="list-style-type: none"> • Global burden of disease • Global health rules to halt disease spread • Global health priorities and programmes 	<ul style="list-style-type: none"> • Lecture • Discussion 	<ul style="list-style-type: none"> • Short essay

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G. R. Reddy
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Programme structure and course details of M.Sc. Nursing-2022

		Discuss the roles, functions and contribution of international health agencies towards community health	<ul style="list-style-type: none"> • International quarantine • Health tourism • International co-operation and assistance • International travel and trade • Health and food legislation, laws and adulteration of food • Disaster management • Migration • International health agencies –World health organization, world health assembly, UNICEF, UNFPA, UNESCO, ILO, CARE, SIDA, USAID, DANIDA, DFID and AusAID • International health issues and problems • International nursing practice standards • International health vis-a vis national health • International health days and their significance 		
IV	25	Design a layout of sub centre, primary health centre, community health centre and develop standards for community health nursing practice Teach and supervise community health nurses and allied health workers	Education and Administration <ul style="list-style-type: none"> • Quality assurance • Standards, protocols, policies and procedures • Infection control; standard safety measures • Nursing audit • Design of sub-centre/primary health centre/ community health centre • Staffing; supervision and monitoring-performance appraisal • Budgeting • Material management • Role and responsibilities of different categories of personnel in community health • Referral chain- community outreach services • Transportation • Public relations 	<ul style="list-style-type: none"> • Lecture • Discussion • Field Practice • Assignment on preparation of floor plan- primary health centre 	<ul style="list-style-type: none"> • Long essay • Short essay

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Programme structure and course details of M.Sc. Nursing-2022

			<ul style="list-style-type: none"> • Planning in-service educational programme and teaching • Training of various categories of health worker's- preparation of manuals 		
V	15	<p>Appreciate the Trends and issues related to geriatric health</p> <p>Identify and perform the role and responsibilities of community health nurse in geriatric health</p>	<p>Geriatric</p> <ul style="list-style-type: none"> • Concept, trends, problems and issues • Ageing process, and changes • Theories of ageing • Health problems and needs • Psycho-physiological stressors and disorders • Myths and facts of ageing • 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration on health assessment elderly • Assignment on current government guidelines for elderly in India • Visit to old age home 	<ul style="list-style-type: none"> • Long essay • Short essay • Performance evaluation of health assessment of elderly
VI	10	<p>Explain the trends and issues related to community-based rehabilitation</p> <p>Identify and perform the role and responsibilities of community health nurse in various rehabilitative services</p>	<p>Rehabilitation</p> <ul style="list-style-type: none"> • Introduction: concepts, principles, trends, issues • Rehabilitation team • Models and 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Visit to rehabilitation centre 	<ul style="list-style-type: none"> • Short essay • Evaluation of visit report



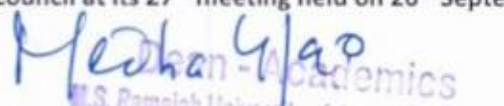
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Principal and Dean

M.S.Ramaiah Institute of Nursing Education and Research
M.S.Ramaiah University of Applied Sciences
Bangalore - 560054




Meekha Y Rao
M.S.Ramaiah University of Applied Sciences
Bangalore-560054


Programme structure and course details of M.Sc. Nursing-2022

		available at the community	<ul style="list-style-type: none"> • Role of voluntary organizations • Guidance and counselling • Welfare measures • Role and responsibilities of community health nurse 		
VII	15	<p>Appreciate the current trends and issues related to community mental health</p> <p>Identify and perform the role and responsibilities of community health nurse in mental health</p>	<p>Community Mental Health:</p> <ul style="list-style-type: none"> • Magnitude, trends and issues • National mental health programme- community mental health programme • The changing focus of care • The public health model • Case management- collaborative care • Crisis intervention • Welfare agencies • Population at risk • The community as client <ul style="list-style-type: none"> ○ primary prevention ○ secondary prevention ○ tertiary Prevention • Community based rehabilitation • Human rights of mentally ill • Substance use • Mentally challenged groups • Role of community health nurse 	<ul style="list-style-type: none"> • Lecture • Discussion • Field practice 	<ul style="list-style-type: none"> • Long essay • Short essay
VIII	15	<p>Appreciate the trends and issues related to occupational health</p> <p>Identify and perform the role and responsibilities of community health nurse in occupational health</p>	<p>Occupational Health:</p> <ul style="list-style-type: none"> • Introduction: Trends, issues, definition, aims, objectives and 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Visit to industry 	<ul style="list-style-type: none"> • Long essay • Short essay • Evaluation of industrial visit report


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Programme structure and course details of M.Sc. Nursing-2022

			<p>occupational diseases, disability limitations and rehabilitation</p> <ul style="list-style-type: none"> • 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 and ESI act • Role of community health nurse and occupational health team 		
--	--	--	---	--	--

PRACTICUM

Total = 960 hrs
1 Week = 30 hrs

S.No.	Department/Unit	No. of Week	Total Hours
1	Urban and Rural community	17	510
2	School Health	3	90
3	International health	2	60
4	Administration (SC/PHC/CHC)	2	60
5	Occupational health	2	60
6	Community Mental Health	2	60
7	Home for aged and Hospice	2	60
8	Rehabilitation	2	60
	Total	32 Weeks	960 Hours

CATEGORISATION OF PRACTICAL ACTIVITIES

1. Observed

- MCH office and DPHNO
- CHC/ First Referral Unit (FRU)
- Child guidance clinic
- Institute/Unit for mentally challenged
- District TB centre
- AIDS control society
- Filariasis clinic



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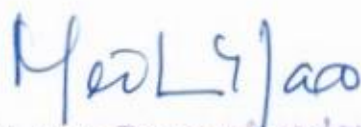

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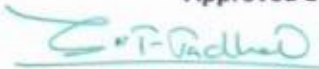
Programme structure and course details of M.Sc. Nursing-2022

- RCH clinic
 - STD clinic
 - Leprosy clinic
 - Community based rehabilitation unit
 - Cancer centres
 - Palliative care
 - Home of old age
 - Mental health units
 - De-addiction centres
 - School health services
 - Industry
 - Selected industrial health centres
 - ESI unit
 - Municipality/ corporation office
2. Assisted
- Laparoscopic sterilization
 - Vasectomy
 - All clinics related to RCH
 - Monitoring of national health and family welfare programmes
3. Performed
- Conduct various clinics
 - School health assessment
 - Health survey
 - Health assessment
 - Drug administration as per the protocols
 - Treatment of minor ailments
 - Screening for leprosy, TB and non-communicable disease
 - Presumptive and radical treatment for Malaria
 - Counselling
 - Report writing
 - Referrals
 - Writing a project proposal
 - Material management- requisition for indent, condemnation, inventory maintenance
 - Training and Supervision of various categories of personnel
 - Liaison with NGO's


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Programme structure and course details of M.Sc. Nursing-2022

REFERENCE BOOKS


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2. Stanhope M, Lancaster J. Public Health Nursing: population – Centered Health care in Community. 10th ed. Missouri: Mosby Elsevier publications; 2019.
3. Allender JA, Rector C, Warner KD. Community Health Nursing: Promoting and Protecting the Public health. 7th ed. Philadelphia: Wolters Kluwer, Lippincott Williams & Wilkins; 2019.
4. Nies MA, McEwen M. Community/ Public Health Nursing: Promoting the Health of the Population. 7th ed. Philadelphia: Elsevier; 2019.
5. Anderson ET, McFarlane J. Community as Partner: Theory and Practice in Nursing. 8th ed. Philadelphia: Wolters Kluwer; 2019.
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7. Kamalam S. Essentials in Community Health Nursing Practice. 4th ed. New Delhi: Jaypee brother's medical publishers (P) Ltd; 2022.
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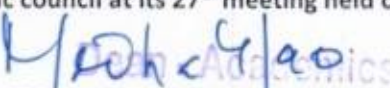
Course Mapping (CO-PO-PSO Mapping)

Course code & Name	Course Outcome (COs)	Programme Outcomes (POs)	Programme specific Outcomes (PSOs)							
		PO1	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
COMMUNITY HEALTH NURSING – II	CO 1	3	3	3	3	3	2	3	3	3
	CO 2	3	3	3	3	2	1	3	3	3
	CO 3	3	3	3	3	3	1	3	3	3
	CO 4	3	3	2	2	2	1	2	2	3
	CO 5	3	2	3	3	3	1	3	2	2
	CO 6	3	1	2	3	1	1	1	1	1
	CO 7	3	2	2	2	2	1	2	3	2
	CO 8	2	2	2	3	1	1	2	1	2
	CO 9	1	2	1	1	1	3	2	2	2
	CO 10	2	1	1	1	3	1	1	2	2
	CO 11	3	2	3	3	3	2	3	3	3

3: Very Strong Contribution, 2: Strong Contribution, 1: Moderate Contribution

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**CLINICAL SPECIALITY –II
COMMUNITY HEALTH NURSING**

Placement : II year M.Sc Nursing

Practicum : 950 hrs

Sl. No	Specific procedural competencies/skills	Perform independently	Assists/ observes procedure	Date		Signature of the teacher/ faculty
				Skill Lab/ Simulation Lab	Clinical Area	
1.	Conduct health survey					
2.	Conduct school health programme					
3.	Health Assessment					
	a) Antenatal - 2					
	b) Postnatal - 2					
	c) Under-five - 2					
	d) Geriatric - 2					
4.	Assessment, diagnosis and primary management of minor ailments based on standing order approved by MOH & FW					
	a)					
	b)					
	c)					
	d)					
	e)					
5.	Administer drugs					
	a) Oral					
	b) Intramuscular					
	c) Intravenous					
	d) Any other					
6.	Prepare floor plan of PHC / CHC					
7.	Compute staff requirements for different levels					
8.	Screening for					
	a) Leprosy - 2					
	b) Non-communicable diseases -2					

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Programme structure and course details of M.Sc. Nursing-2022

	(Hypertension/Diabetes mellitus/ Cardiovascular diseases /Stroke)					
	c) Tuberculosis - 2					
	d) Occupational diseases - 2					
9.	Participate in Material management					
	a) Vaccine calculation					
	b) Indenting					
	c) Condemning					
	d) Inventory maintenance					
10.	Organize in-service education programme for Health worker / LHV / PHN					
11.	Records and reports in PHC, CHC / FRU					
12.	Assist in					
	a) laparoscopic sterilization					
	• Tubectomy					
	• Vasectomy					
	b) Different clinics related to RCH					
	• Antenatal					
	• Postnatal					
	• Well baby / under-five					
	• Immunization					
	• Family welfare programme					

GR

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M. Lakshmi

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S. Radha

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FIELD VISITS

Sl No	Place of Visit	Date of Visit	Signature of the supervisor
1	Child guidance clinic		
2	Institute for mentally challenged		
3	Juvenile Home		
4	Dist. T.B.Centre		
5	RCH Clinic		
6	Cancer Centre		
7	Municipality/Corporation office		

PLAN COMPREHENSIVE CARE AND IMPLEMENT UTILIZING NURSING THEORY AND NURSING PROCESS

Sl. No	Area	Date	Name of the family member	Identified health problems	Duration of study	Signature
Care plan						
1						
2						
3						
4						
5						
6						
Case study						
1						
Clinical presentation						
1						

HEALTH TALK

Sl No	Date	Topic	Focused group	AV aids	Signature
1					
2					
3					

Teaching Coordinator

Handwritten signature

Registrar H.O.D
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Handwritten signature
Principal and Dean

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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
CARE PLAN EVALUATION FORMAT

Name of the Student : _____ Topic : _____
Batch : _____ Date of submission : _____
Placement : _____ Evaluation : _____
Area : _____

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Socio economic background of the family	5	
2	Physical Examination of the client	3	
3	Nutritional Assessment	2	
4	Investigation and treatment	2	
5	Identification of needs and problems	2	
6	Nursing diagnosis based on priority	2	
7	Nursing care plan	5	
8	Health Education	2	
9	Bibliography	1	
10	Organization of the content	1	
	Total	25	

COMMENTS:

SIGNATURE OF THE STUDENT:

Date:

SIGNATURE OF THE EVALUATOR

Date:



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RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION CRITERIA FOR FAMILY CASE STUDY

Name of the Student : _____ Area : _____
 Batch : _____ Topic : _____
 Placement : _____ Date of submission : _____

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Introduction	1	
2	Socio economic background of the family	5	
3	History Collection	3	
3	Physical Assessment	5	
4	Nutritional Assessment	5	
5	Investigation and treatment	2	
6	Identification of needs and problems	2	
7	Nursing diagnosis based on priority	2	
8	Nursing process	10	
9	Review of literature	8	
10	Health Education	3	
11	Conclusion	1	
12	Bibliography	2	
13	Organization of the content	1	
	Total	50	

COMMENTS:

SIGNATURE OF THE STUDENT:

SIGNATURE OF THE EVALUATOR

DATE :

DATE:

Meha Y Rao
 Dean - Academics

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S. T. Radha
 Principal and Dean

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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
ASSIGNMENT PRESENTATION EVALUATION FORMAT**

Topic : Date :
Presented by : Time :
Evaluated by : Ward :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Introduction	2	
2	Content f) Relevant g) Adequate h) Organization i) Depth of knowledge j) Recent advancement	6	
3	Presentation f) Voice audible g) Clarity h) Modulation i) Confidence j) Posture and language	7	
4	A.V.Aids c) Appropriate d) Proper usage	3	
5	Time Management	2	
6	Conclusion	2	
7	References	3	
		25	

COMMENTS:

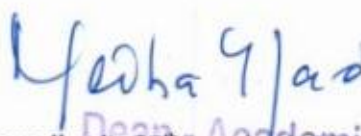
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Date:

SIGNATURE OF THE EVALUATOR

Date:


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M.S.RAMIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
CLASS PRESENTATION EVALUATION FORMAT

Topic : Date :
Presented by : Time :
Evaluated by : Ward :

Sl.No.	Criteria	Marks Allotted	Marks obtained
1	Introduction	2	
2	History collection & Physical examination	5	
3	Nursing Care Plan	5	
4	A.V.Aids used	4	
5	Presentation (simple - complex)	4	
6	Adequacy of content	3	
7	Sequence and continuity	2	
8	Creativity and Illustration of content	3	
9	Entertaining discussion	2	
10	Health education	5	
11	Research Support	5	
12	Completeness of topic	3	
13	Conclusion	2	
14	Bibliography	3	
15	Time of submission	2	
Total		50	

COMMENTS:

SIGNATURE OF THE STUDENT:

Date:

SIGNATURE OF THE EVALUATOR

Date:

Meetha Rao
Dean - Academics

[Signature]
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[Signature]
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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
HEALTH EDUCATION EVALUATION FORMAT**

Name of the Student : _____ Topic : _____
Batch : _____ Date of submission : _____
Placement : _____ Evaluation : _____
Area : _____

Sl. No.	Criteria	Marks Allotted	Marks obtained
I	HEALTH EDUCATION PLAN		
1.	Objectives clear & appropriate	1	
2	Selection, sequence and adequate subject matter	1	
3	Selection of topic based on the needs/problems	2	
II	PRESENTATION		
1.	Introduction relevant and motivation	1	
2	Evaluates the knowledge	1	
3	Observes principles of teaching and learning	2	
4	Explanation-adequate, clear and confident	3	
5	Uses appropriate methods	2	
6	Encourages group	3	
7	Confined to the time limit	1	
III	INSTRUCTIONAL AIDS		
1	Selection-appropriate & adequate	2	
2	Follows principles of audio visual Aids preparation	2	
IV	PERSONAL & PROFESSIONAL BEHAVIOUR		
1	Appearance and posture appropriate & well groomed	2	
2	Verbal communication pleasant and observant	2	
	Total	25	

COMMENTS:

SIGNATURE OF THE STUDENT
DATE:

SIGNATURE OF THE EVALUATOR
DATE :

Madhav Rao

Gp
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S. Radha

Principal and Dea :

RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH

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M.Sc NURSING

DEPT. OF COMMUNITY HEALTH NURSING

EVALUATION TOOL FOR SEMINAR

Name of the Student:

Date & Time:

Course:

Topic:

Sl. No.	Items to be evaluated	Excellent 5	Very good 4	Average 3	Poor 2	Very poor 1
1	INTRODUCTION: c. Appropriate d. Interesting					
2	CONTENT: f. Relevant g. Adequate h. Organization i. Depth of knowledge j. Recent advancement					
3	PRESENTATION: f. Voice audible g. Clarity h. Modulation i. Confidence j. Posture & language					
4	A.V.AIDS: a. Appropriate b. Preparation c. Visibility d. Proper usage					
5	BIBLIOGRAPHY: e. Books f. Journals g. Research studies h. Others					
	TOTAL					

COMMENTS :

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M.Sc NURSING
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR COOKING DEMONSTRATION

Name of the Student : Area :
Year : House Number :
Topic : Date :

Sl. No.	Criteria	Marks Allotted	Marks obtained
1	Hand Washing	1	
2	Selection of type of diet	2	
3	Self resourcefulness	2	
4	Need based diet	3	
5	Appropriate ingredients	2	
6	Hygienic preparation	3	
7	Involving the family	2	
8	Served attractively	2	
9	Educating family members regarding importance of the diet	2	
10	Nutritive chart with nutritive values	3	
11	Care of the articles after the preparation	1	
12	Conclusion	1	
13	Bibliography	1	
Total		25	

COMMENTS:

SIGNATURE OF THE STUDENT:

Date:

HeoL9/10

SIGNATURE OF THE EVALUATOR

Date:

Gf

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G. S. Goddard
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BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR VITAL SIGNS**

Name of the Student : _____ Year : _____
 Area of Work : _____ Date : _____
 Procedure : _____

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Checking temperature • Checking pulse and respiration • Checking blood pressure 	7	
7	Discarding the waste	1	
8	Hand Washing	2	
9	Replacement of the Articles	1	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

Med L 9/20

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DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR BAG TECHNIQUE

Name of the Student : Year :
Area of Work : Date :
Procedure :

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper	1	
3	Opening the bag	1	
4	Removing hand washing articles	2	
5	Hand Washing	2	
6	Removing necessary articles for procedure	2	
7	Performing procedure	4	
8	Discarding the waste	1	
9	Hand Washing	1	
10	Replacement of the Articles	2	
11	Folding the news paper	1	
12	Method of carrying the bag	1	
13	Knowledge about the usage of bag	1	
	Total	20	

REMARKS :

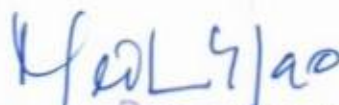
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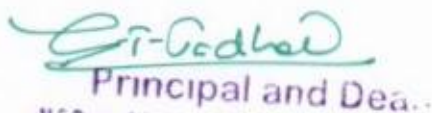
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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR URINE ANALYSIS**

Name of the Student : _____ Year : _____
Area of Work : _____ Date : _____
Procedure :

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Collection of urine • Benedict/Albumin Test 	6	
7	Discarding the waste	1	
8	Hand Washing	2	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

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SIGNATURE OF THE CLINICAL INSTRUCTOR

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**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR UNDER FIVE ASSESSMENT**

Name of the Student : _____ Year : _____
Area of Work : _____ Date : _____
Procedure : _____

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Anthropometric measurement • Physical assessment • Nutritional assessment 	6	
7	Discarding the waste	1	
8	Hand Washing	2	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

Madhya 9/20

Dean - Academics

Approved by the Academic council at its 27th meeting held on 26th September 2022

M.S.Ramaiah University of Applied Sciences

Bangalore-560054

[Signature]

Registrar

M.S.Ramaiah University of Applied Sciences
Bangalore - 560 054

[Signature]

Principal and Dean

M.S.Ramaiah Institute of Nursing Education and Research
M.S.Ramaiah University of Applied Sciences
Bangalore-560054

**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR POSTNATAL ASSESSMENT**

Name of the Student : Year :
Area of Work : Date :
Procedure :

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Postnatal assessment • Breast examination • Fundal Height • Perineal Examination Homan's sign 	7	
7	Discarding the waste	1	
8	Hand Washing	1	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

MediGya
M.S. Ramiah University of Applied Sciences

[Signature]

Registrar
M.S. Ramiah University of Applied Sciences
Bangalore - 560 054

Approved by the Academic council at its 27th meeting held on 26th September 2022

[Signature]
Principal and Dean

M S Ramiah Institute of Nursing Education and Research
M S Ramiah University of Applied Sciences
Bangalore - 560 054

**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE – 54
DEPARTMENT OF COMMUNITY HEALTH NURSING
EVALUATION PROFORMA FOR ANTENATAL ASSESSMENT**

Name of the Student :

Year :

Area of Work :

Date :

Procedure :

Sl. No.	Criteria	Maximum marks	Marks obtained
1	Essential supplies and equipments	1	
2	Spreading of news paper and opening the bag	1	
3	Removing hand washing article	1	
4	Hand washing	2	
5	Removing necessary article for procedure	1	
6	Performing procedure <ul style="list-style-type: none"> • History collection • Antenatal Assessment • Breast examination • Abdominal examination 	8	
7	Discarding the waste	1	
8	Hand Washing	1	
9	Replacement of the Articles	2	
10	Folding the news paper	1	
11	Health Education	1	
12	Recording	1	
	Total	20	

REMARKS :

SIGNATURE OF THE STUDENT

SIGNATURE OF THE CLINICAL INSTRUCTOR

Medha G Rao

GR

Approved by the Academic council at its 27th meeting held on 26th September 2022

Registrar
M.S.Ramaiah University of Applied Sciences
Bangalore - 560 054

M.S. Ramaiah University of Applied Sciences
Bangalore-560054

Sri Radha
Principal and Dean
M S Ramaiah Institute of Nursing Education and Research
M S Ramaiah University of Applied Sciences
Bangalore-560054

**RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
BANGALORE - 54**

OBSERVATION CHECKLIST OF POSTNATAL EXERCISE

Name of the Student :

Date & Time :

Course & Year :

Name of the Evaluator :

Place :

Sl. No.	Steps	V. Poor	Poor	Average	Good	Excellent
1	Explain the procedure					
2	Arrange necessary A.V.aids					
3	Maintain Privacy					
4	Knowledge about the purpose, indication, contraindication of postnatal exercise					
5	Demonstrate with various A.V.aids to explain exercise					
6	Simple exercise to strenuous exercise					
7	Simple exercise to strenuous exercise					
8	Health Education for postnatal mother					
9	Feedback from the patient					
10	Replacing A.V.aids					
11	Recording of Procedure					

Scoring : < 25 – Repeat
25-35 – Average
35-45 – Good
45-50 – Excellent

Signature of the student


Signature of the Evaluator



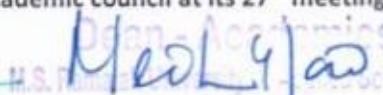
Registrar

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Principal and Dean

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